Transas iSailor

User Manual

June, 2013. Version 1.5.4.

TRANSAS
SETS THE STANDARD

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User Manual for Transas iSailor

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1. General information about Transas “iSailor”.

Transas iSailor is the free navigational application for iPhones and iPads intended for use on boats and yachts

Transas iSailor determines location using Apple’s internal **“Location Service”**. The app can receive a signal about current position from the cell tower, internal Apple’s “Assisted GPS” or external GPS which can work as an internal service.

While being out of range of cell towers, the device defines the position using GPS. **iPhone 4, iPhone 4S** and **iPhone5** are by default equipped with internal **“Assisted GPS”** unit, which is compatible with iSailor.

There are two new models of an iPad:

1. **iPad Wi-Fi** or **iPad mini Wi-Fi** (without **“Assisted GPS”** unit. Compatible with iSailor, but always requires an additional external GPS receiver).

2. **iPad Wi-Fi + Cellular** or **iPad mini Wi-Fi + Cellular** (with internal **“Assisted GPS”** unit. Compatible with iSailor).

If you have an iPad Wi-Fi model you still may run **iSailor** on it as internal location service in this device is available. In this case you have to use any external GPS devices such as:

http://xgps150.dualav.com/
http://bad-elf.com/pages/be-gps-1000-detail
http://www.gns-gmbh.com/index.php?id=194&L=1
https://buy.garmin.com/en-US/US/in-the-air/portable-gps/glo-for-aviation/prod109826.html etc

Please switch on "Location Service" on your device.

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NOTE:

Sometimes after the installation of iSailor app on device, information about iSailor is unavailable in the list of apps in Location Services. In this case it is necessary to **Power OFF** the device. After switching **ON** please check information about iSailor app in Location Services list again.

Additional important information:

Assisted GPS (**A-GPS** or **AGPS**) is a very fast system which can improve the startup performance or "cold startup" of the device with integrated GPS satellite-based positioning system. But in some cases a new devices need to be up to 30 min. (in average 15-25 min.) under the clear sky at first time to receive "almanac" and other information directly from GPS satellites. Work of internal GPS unit in iPad device inside of the ship, boat, etc. depends on the individual material properties of the hull, which in some cases can block the radio signals from GPS satellites on the path to the Apple's device.

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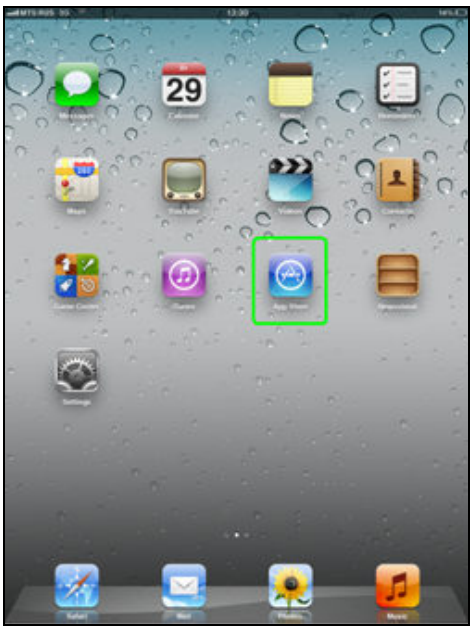
2. How to install Transas iSailor app on the device.

We strongly recommend that the app should be loaded with your device connected to the Internet via Wi-Fi and to the power supply unit.

- Open the **App Store**;
- Find the **Transas iSailor** app;
- Check that the correct current iTunes login account (**Apple ID**) is used on the device;
- Install the **Transas iSailor** application on the device.



Open **App Store**

Find the **iSailor** app

Install the **Transas iSailor** application using your **Apple ID** and **Password.**

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3. How to purchase charts for Transas iSailor app.

You can purchase charts for iSailor only via the **"Chart store"** in-app.

We strongly recommend that the data should be purchased and downloaded with your device connected to the Internet via Wi-Fi and connected to the power supply unit.

The **iTunes** has information on all the in-app purchases you made in the **"Chart store"** section of the **Transas iSailor** app. Please use the correct current **iTunes** login account (**Apple ID**). Always use the same iTunes login account (**Apple ID**), because it is only in this case that you can use the free "**Restore**" procedure for free downloading and installation of all the previously purchased charts in future.

Before starting the purchasing process please check the **"Restrictions"** and **"In-App Purchases"** settings on the device:

Installation usually takes a few minutes, but sometimes the process is interrupted by network failures or exit from the program, etc.

Please don't close the application until the loading process is completed!

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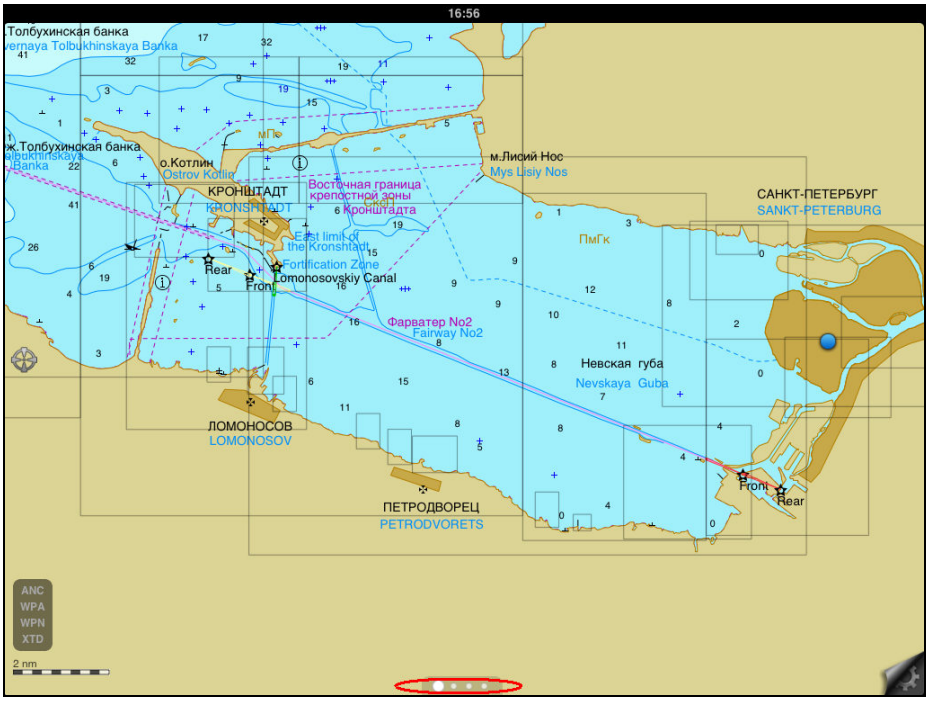
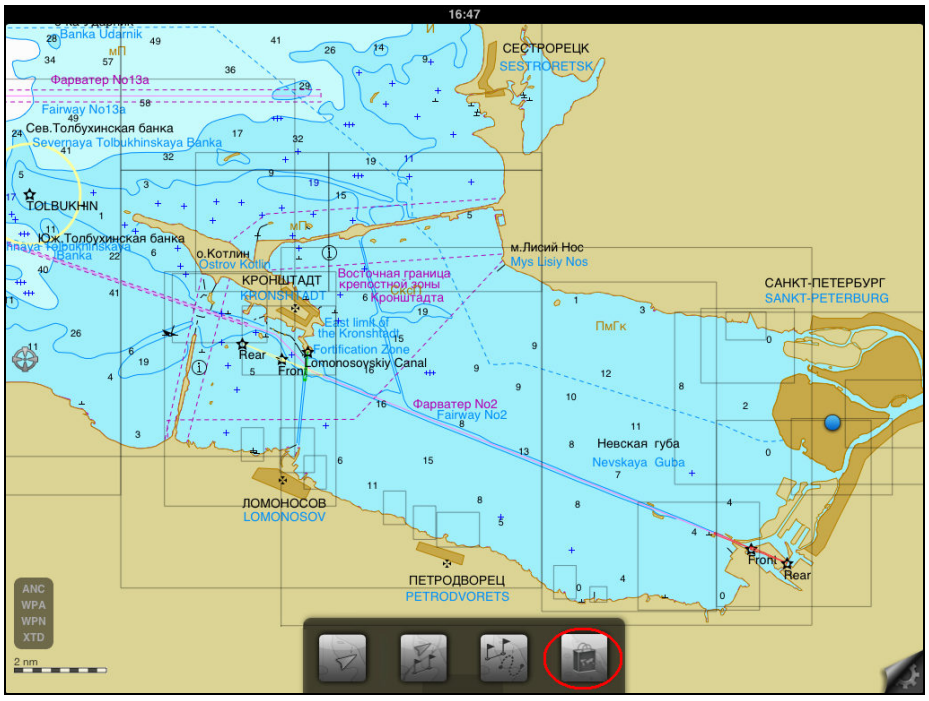


Run the “iSailor” app.



Select “Chart store” layout. Find the necessary chart folio and purchase it.

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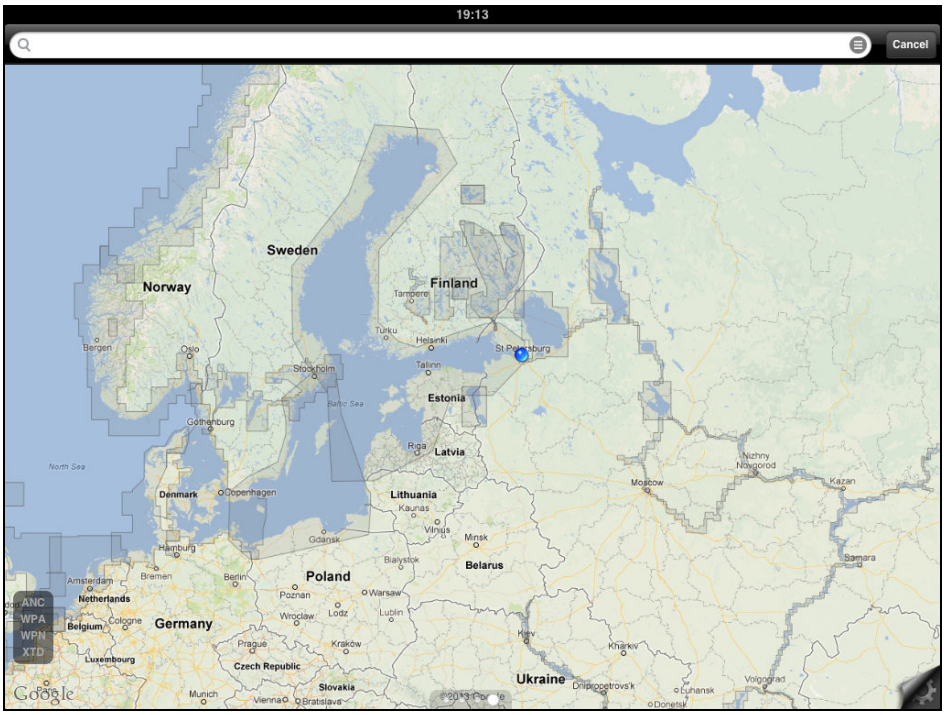

"Chart store" layout

There are three ways to purchase the chart folio(s):

- **Method 1.** Search of the necessary chart folio via search line (you can use for search any names, coordinates, etc.);

- **Method 2.** By tapping of the necessary area on the world chart;

- **Method 3.** Select from the list of available charts folios.

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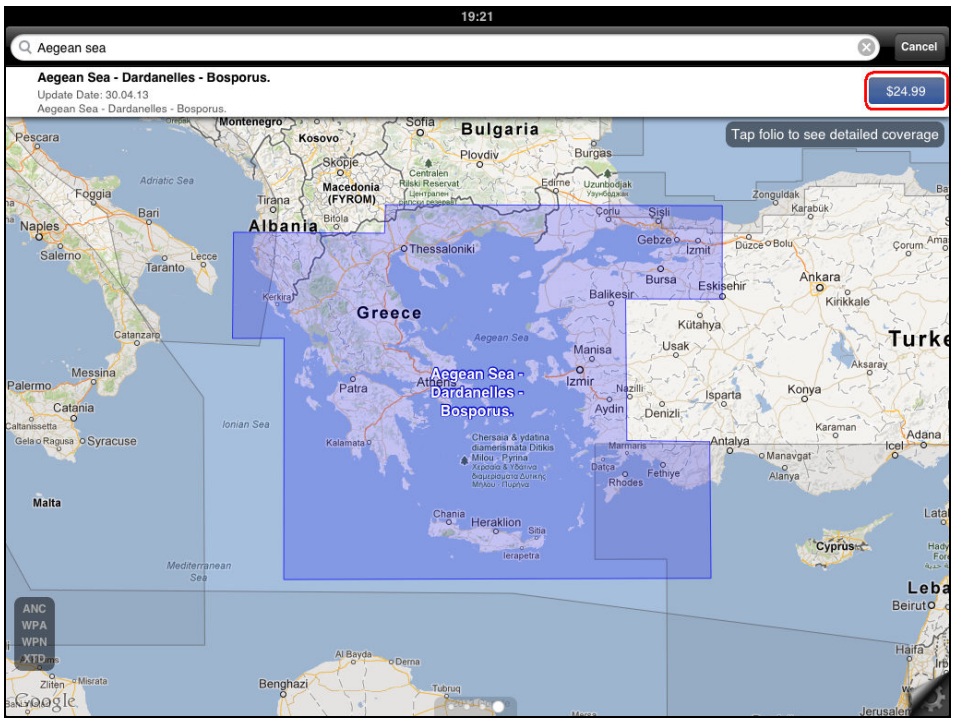
3.1 Method 1 - Search of the necessary chart folio via "Search" line

1. Enter a search parameter in the search line and tap **"Search"** button:

"Search" line.

2. Tap on the **"Price"** button to order selected folio:



"Price" button.

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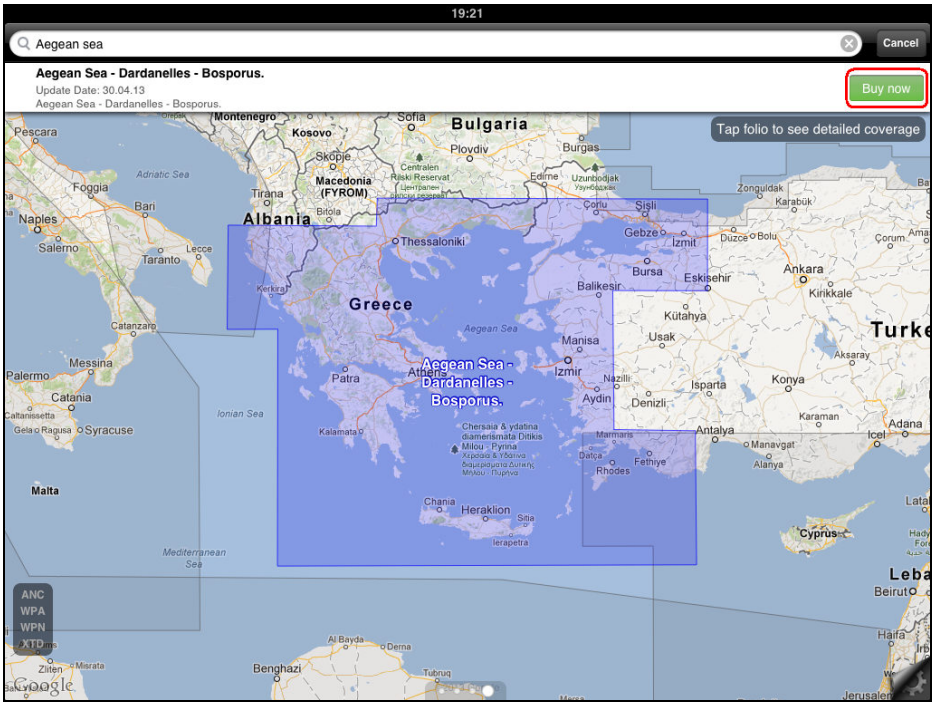
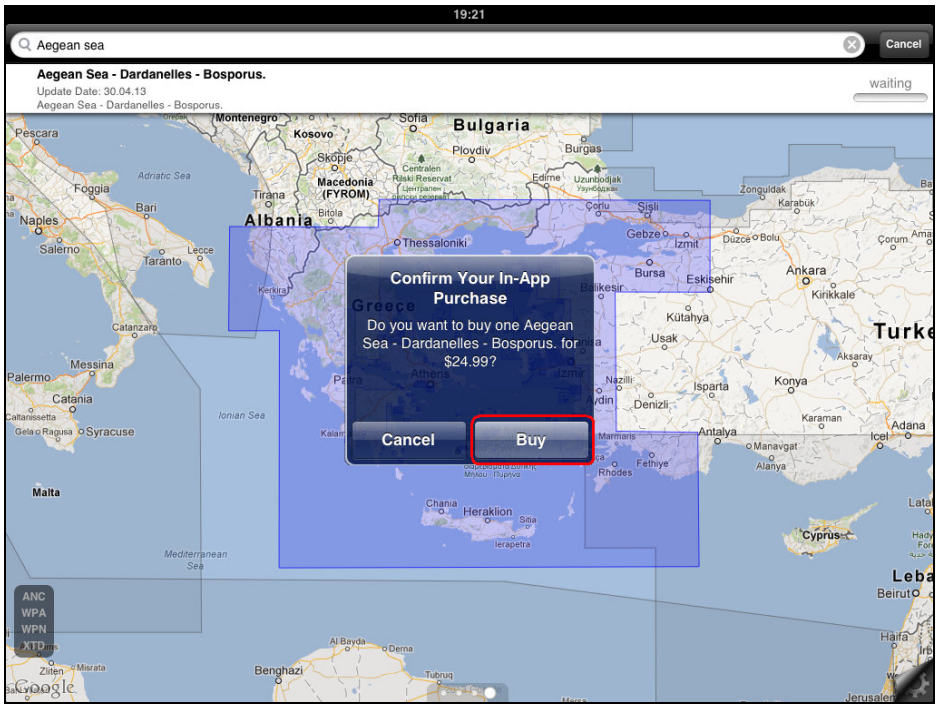
3. Tap again on the **"Buy now"** button:



"Buy now" button.

4. Press next **"Buy"** button for confirmation:



Pop up confirmation window with the "Buy" button.

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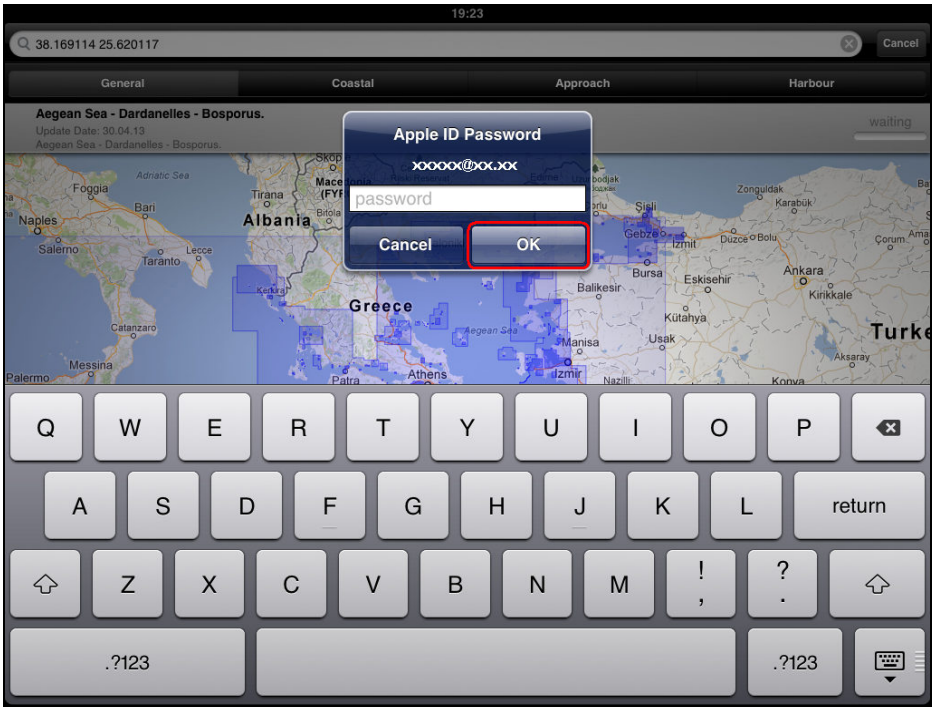
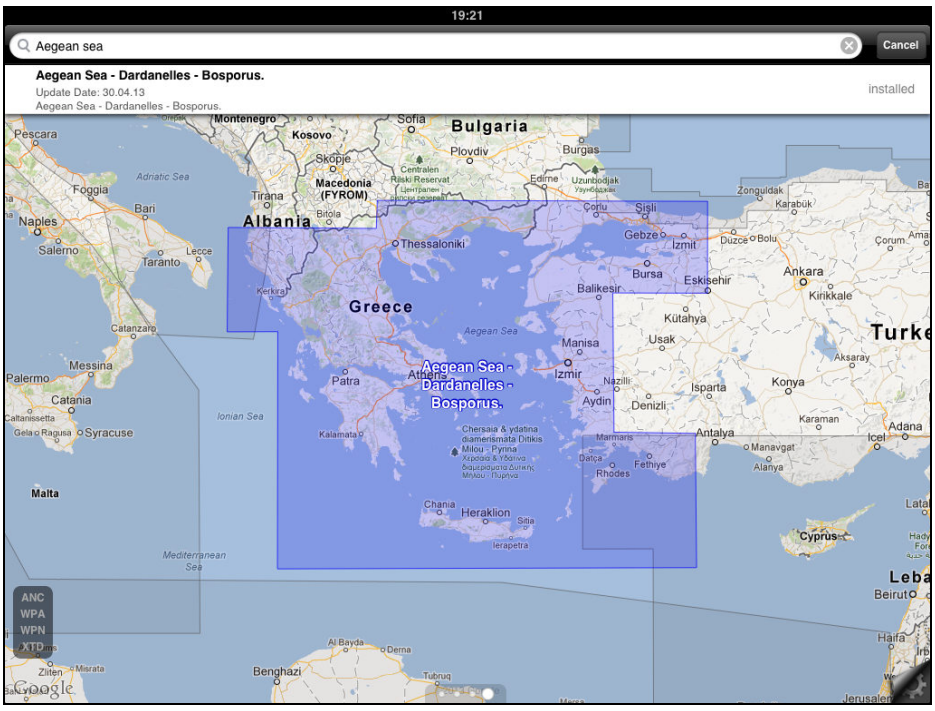
5. Enter your Apple ID password and press **"OK"** button finally:



Enter password and press "OK" button.

6. Check the **"Installed"** status:



"Installed" status is shown for all installed charts & folios.

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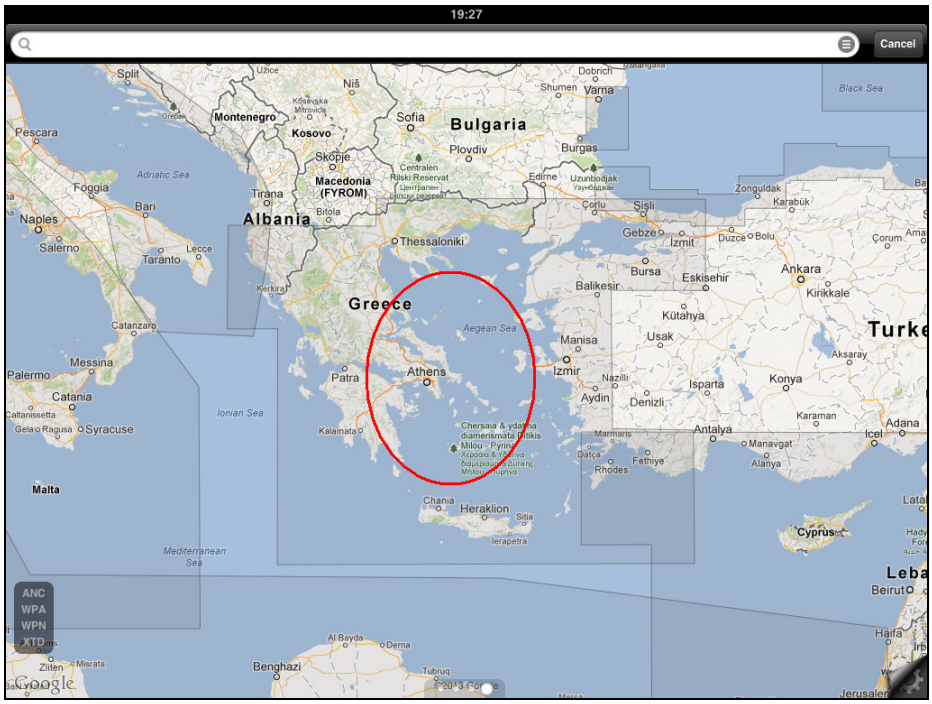
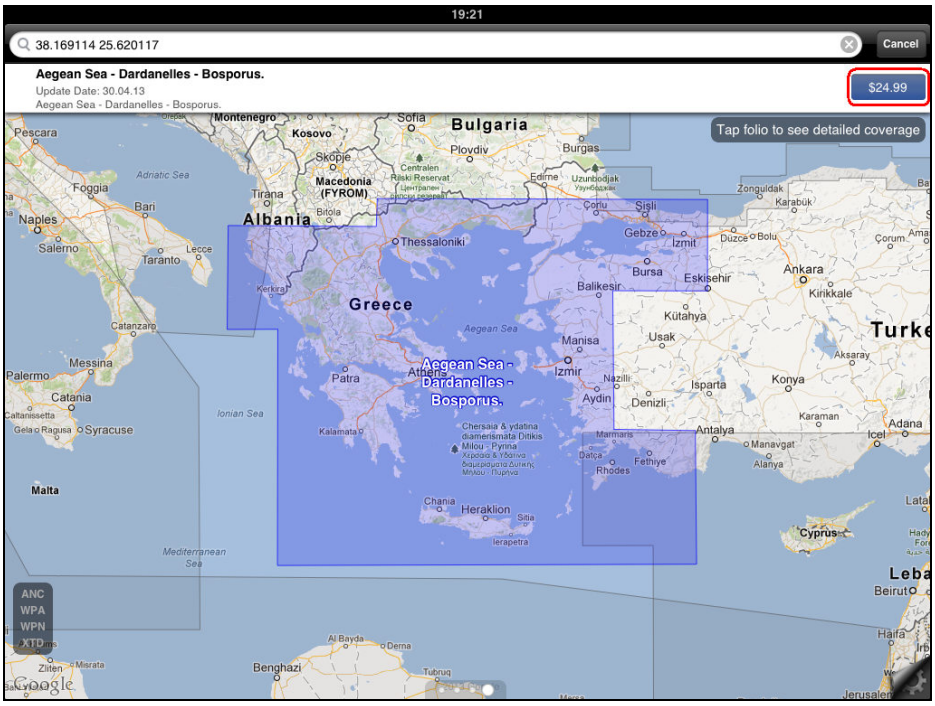
3.2 Method 2 - By tapping on the necessary area of the World Chart

1. Scroll the World chart and **tap** on the necessary area.



Tap on the necessary area.



Transas Chart folio for the necessary area is defined.
"Aegean Sea – Dardanelles – Bosporus" folio is shown on the example above.

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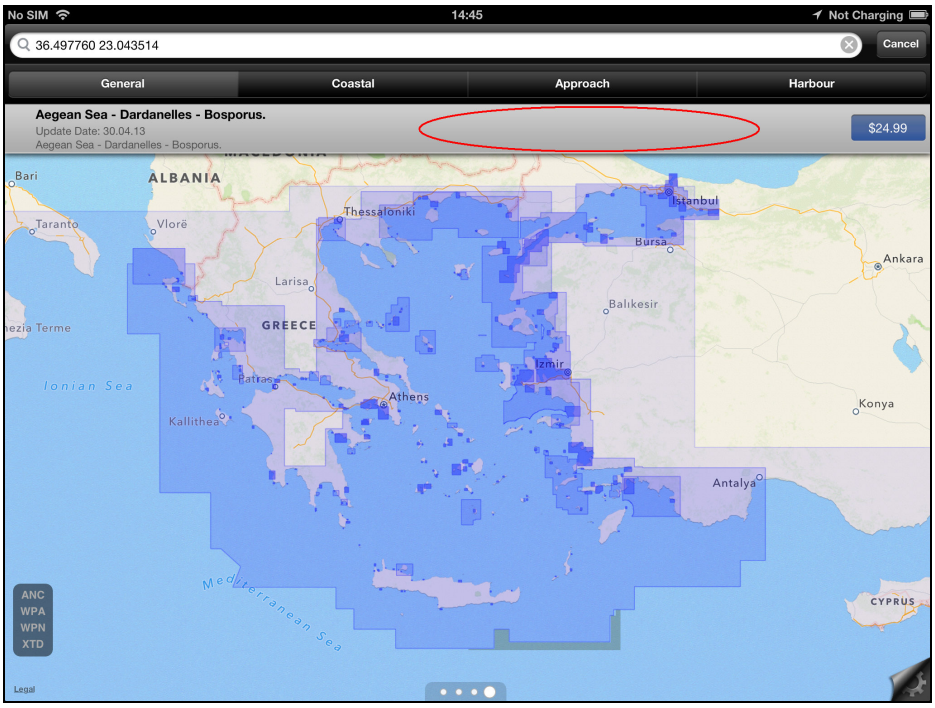
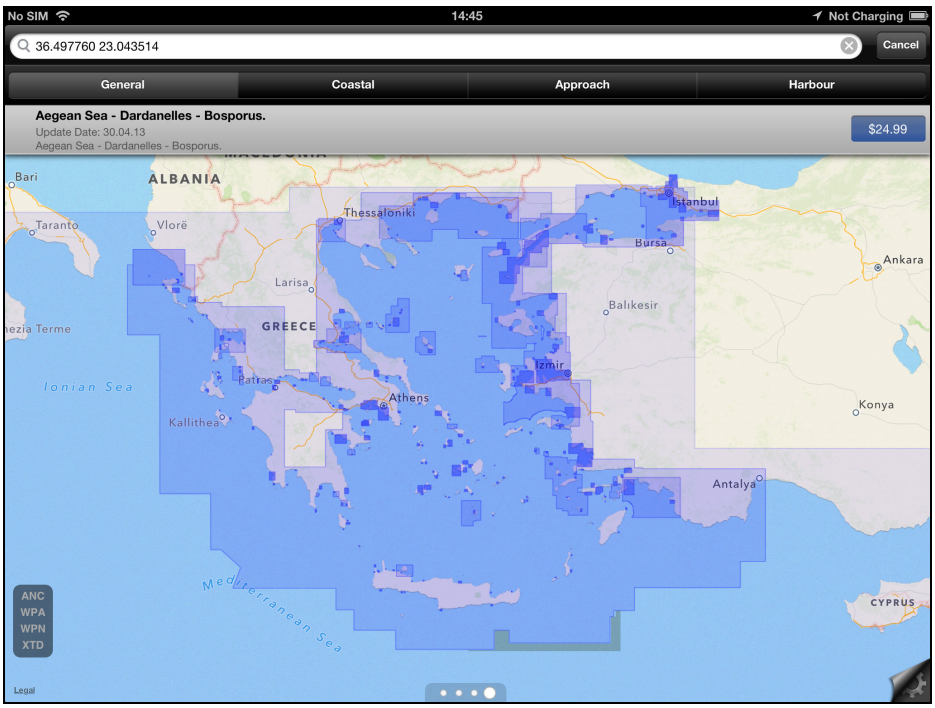
2. Tap on the selected folio as shown on the picture above.



Tap on the defined chart folio line

3. After that additional button line will be enabled on the **"Chart store"** layout. 4 buttons will be appeared after that: **"General"**, **"Coastal"**, **"Approach"** and **"Harbour"**.

   These buttons are intended for presentation of the different chart categories in the selected folio, divide into 4 main groups. Press these buttons and check chart coverage before the purchasing, if necessary:



"General" button.
All charts of the selected folio are presented on the display.

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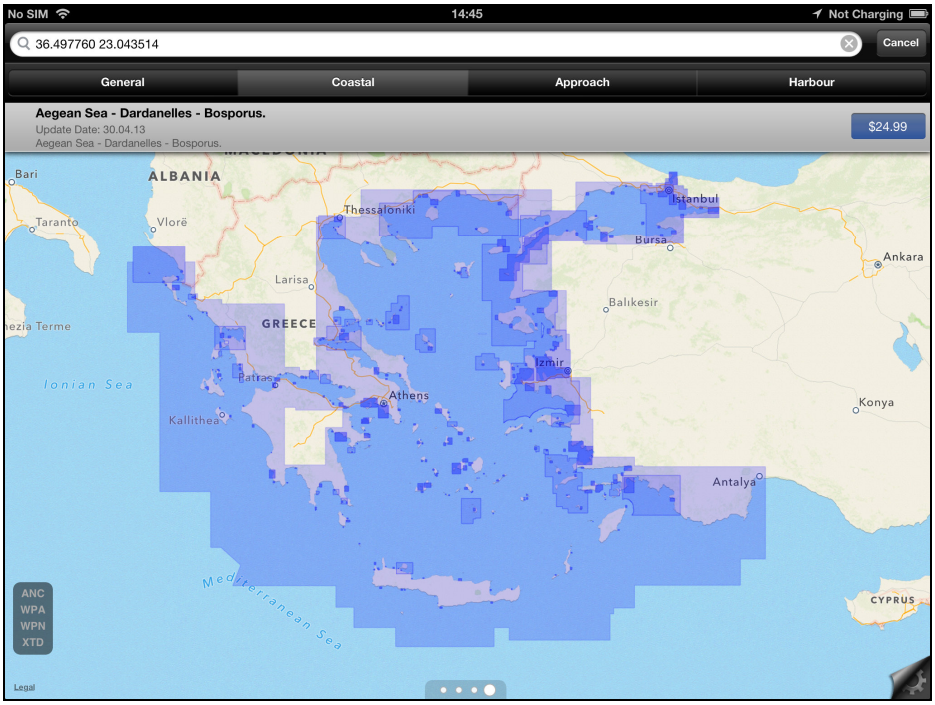
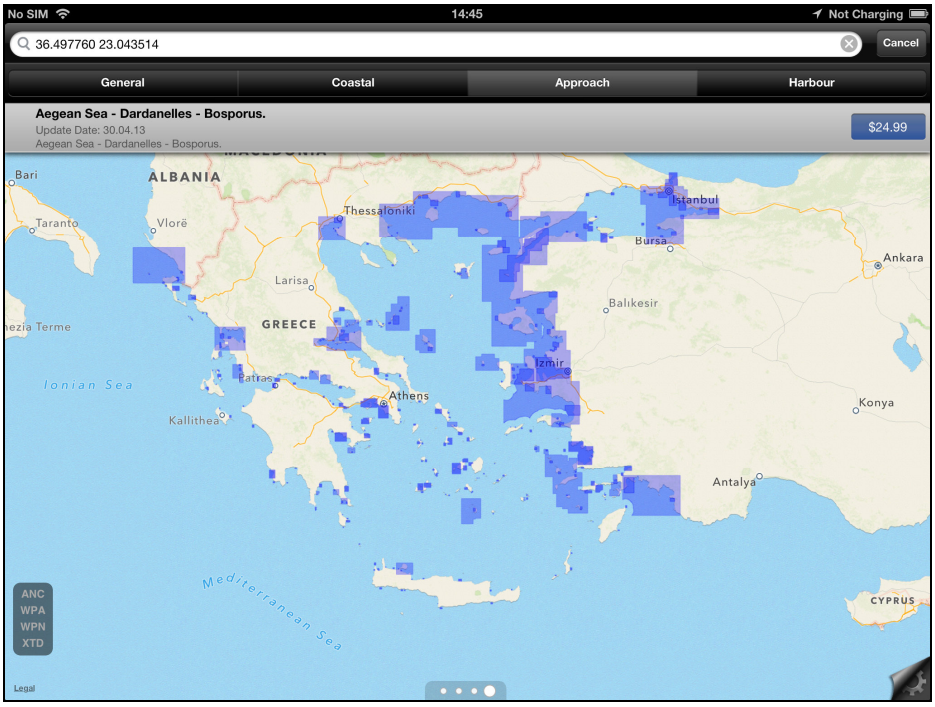


“Coastal” button is pressed on and
“General” charts of the selected folio are excluded from presentation.



“Approach” button is pressed on and
“General” and “High Sea” charts are excluded from presentation.

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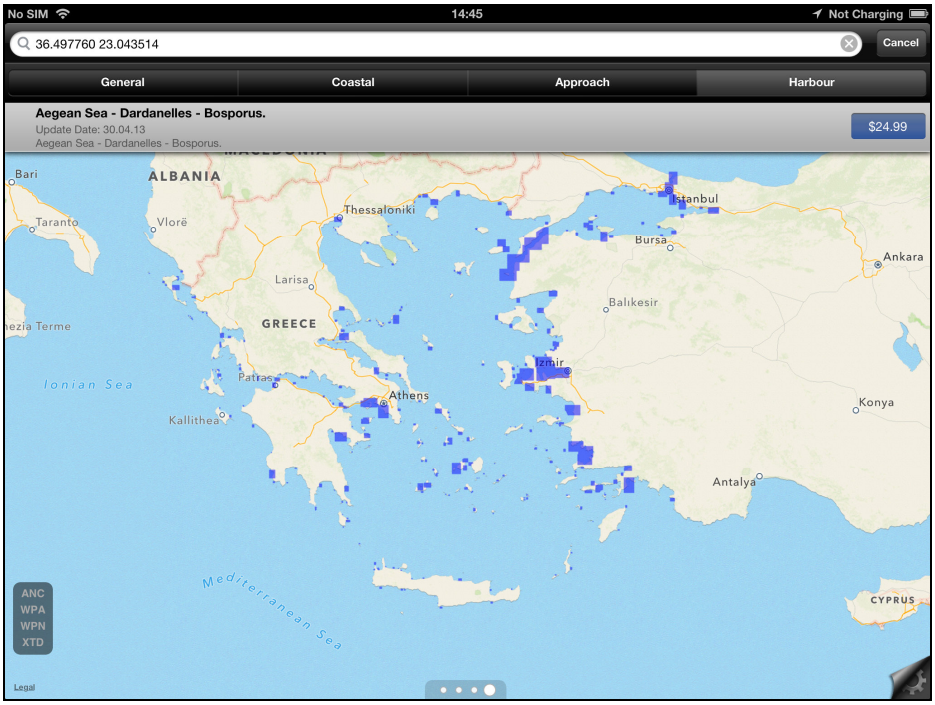
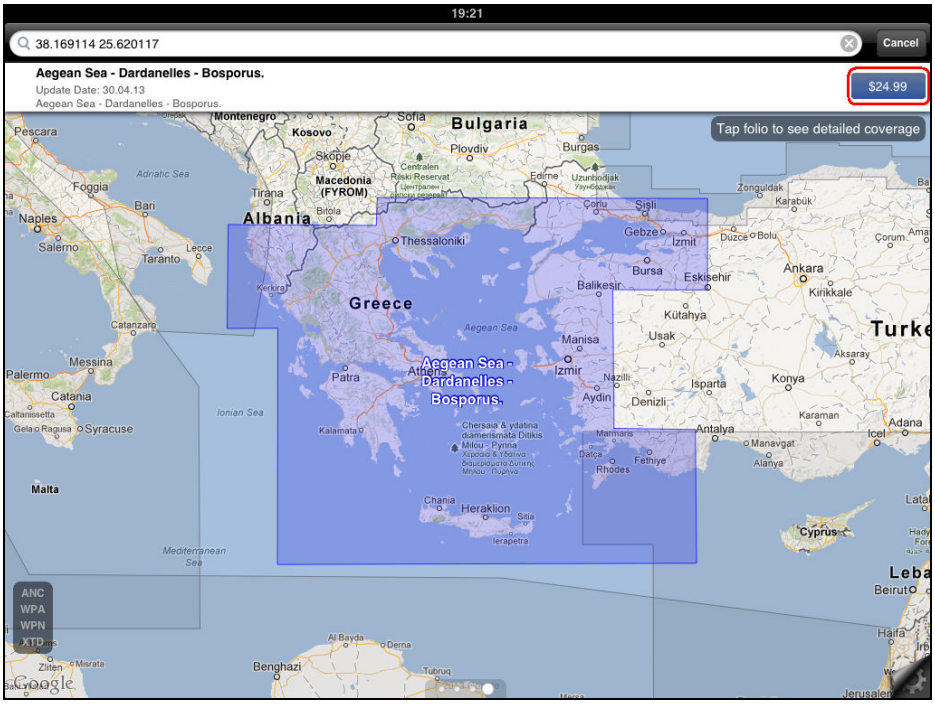


“Harbour” button.
Only large scale charts for Harbours and Marinas are presented on the display for selected chart folio.

4. Tap on the **“Price”** button to order selected folio:



“Price” button.

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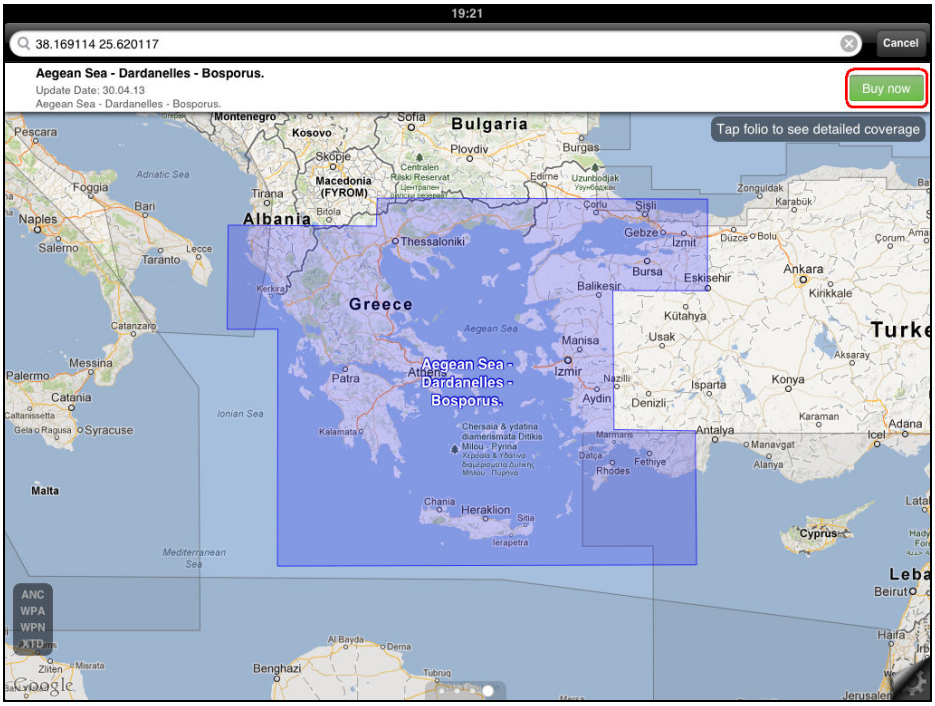
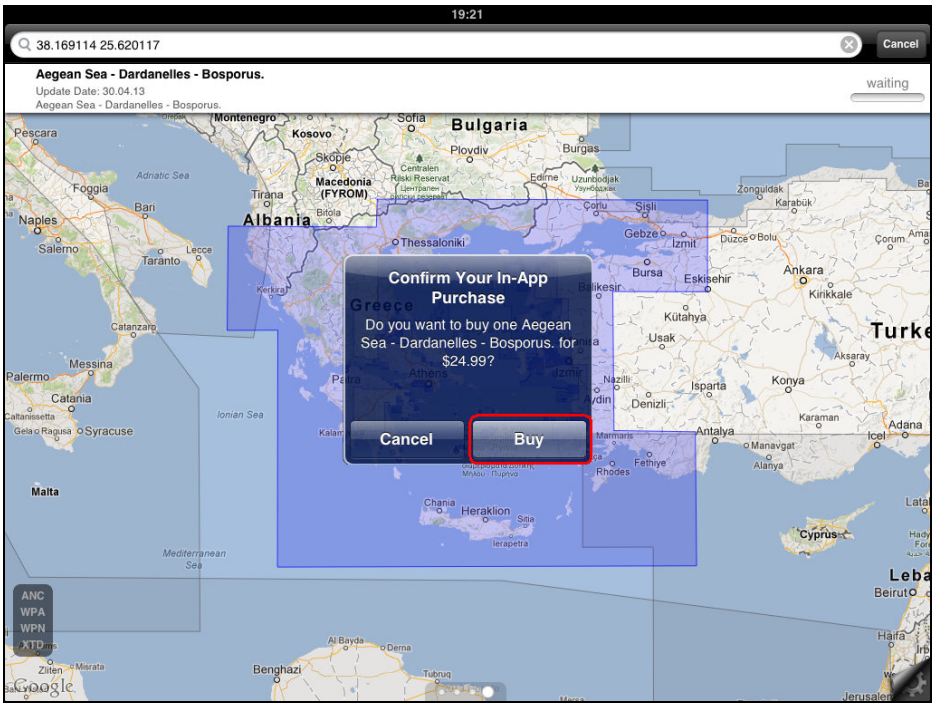
5. Tap again on the **"Buy now"** button:



"Buy now" button.

6. Press next **"Buy"** button for confirmation:



Pop up confirmation window with the "Buy" button.

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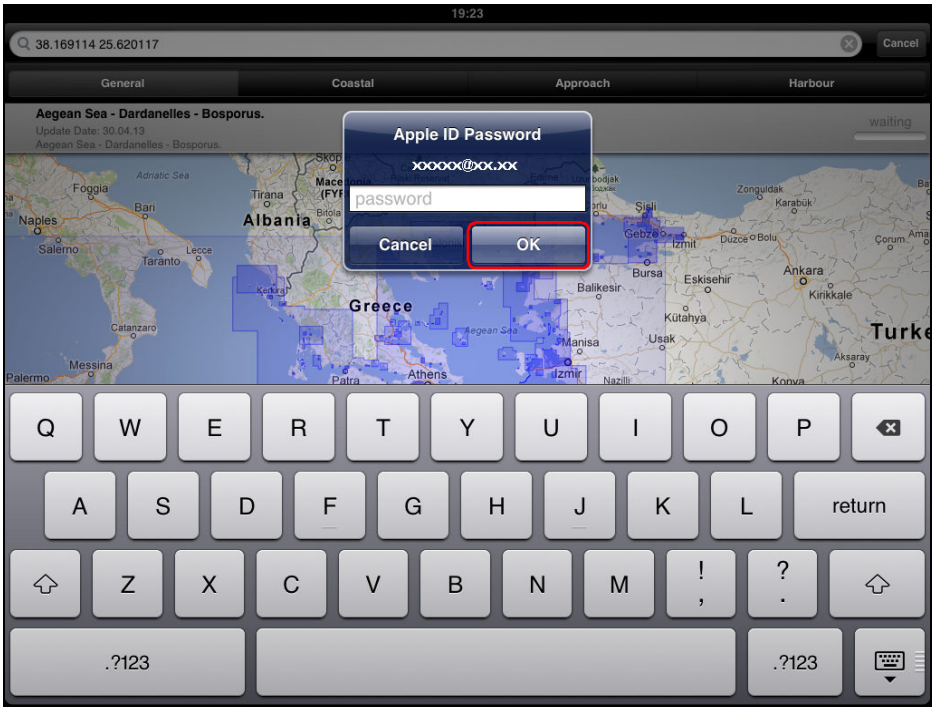
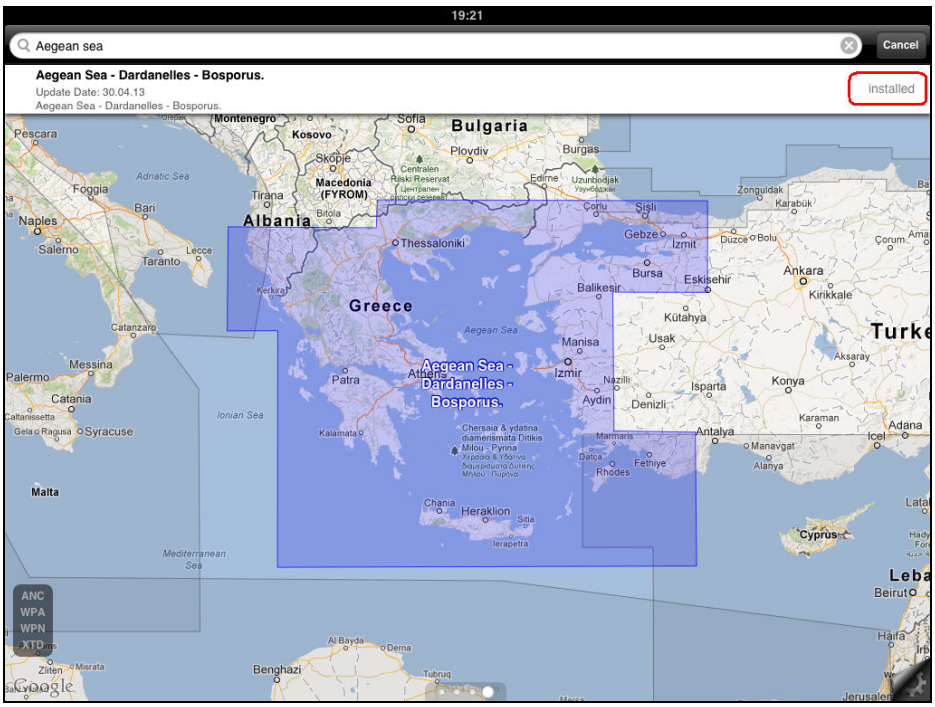
7. Enter your **Apple ID password** and press **"OK"** button finally:



Enter password and press "OK" button.

8. Check the **"Installed"** status:



"Installed" status is shown for all installed charts & folios.

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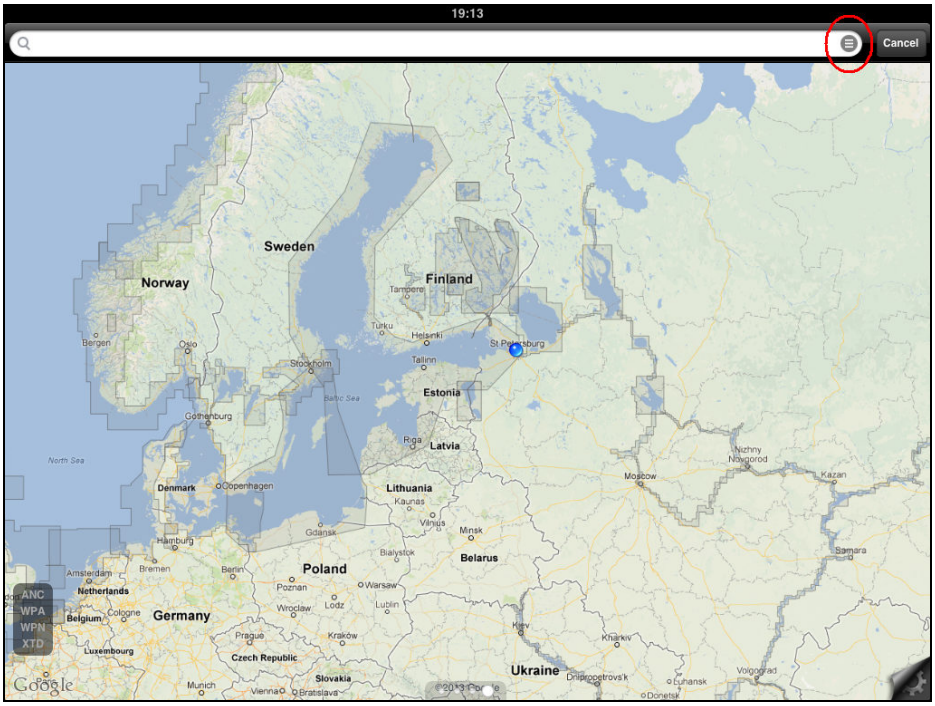
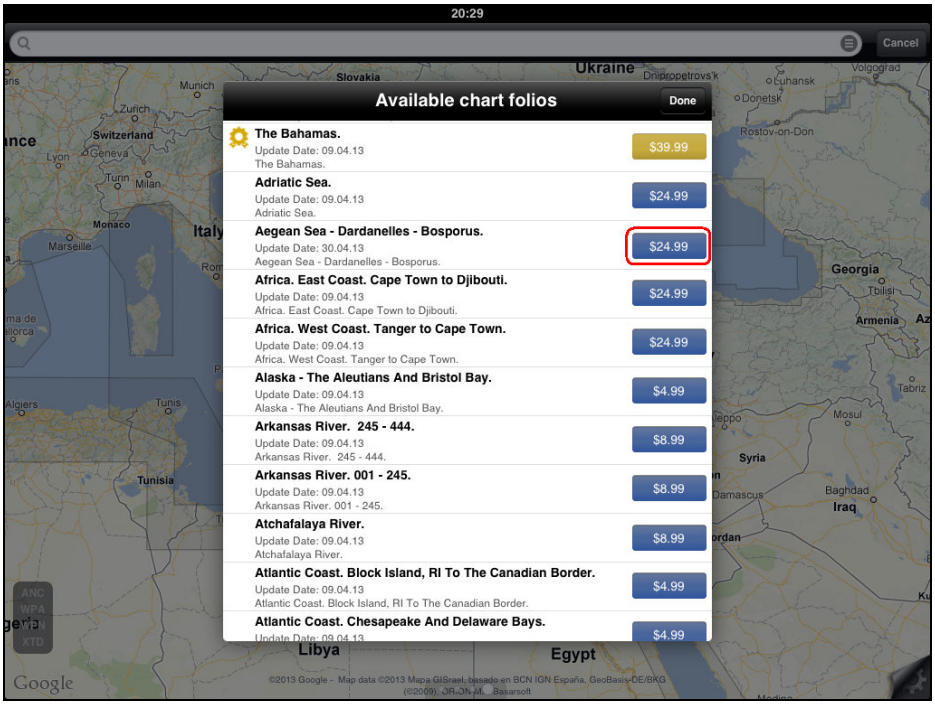
3.3 Method 3 - Select from the list available chart folios

1. Tap the **"Available Chart folios"** button:



"Available Chart folios" button.

2. Select the necessary chart folio and tap **"Price"** button:



"Price" button.

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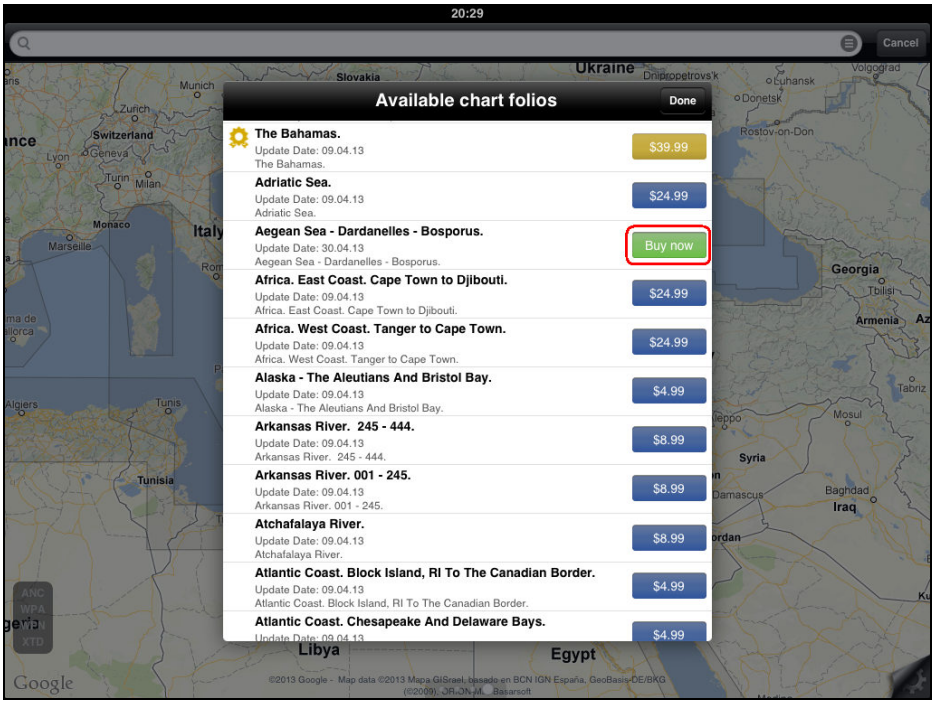
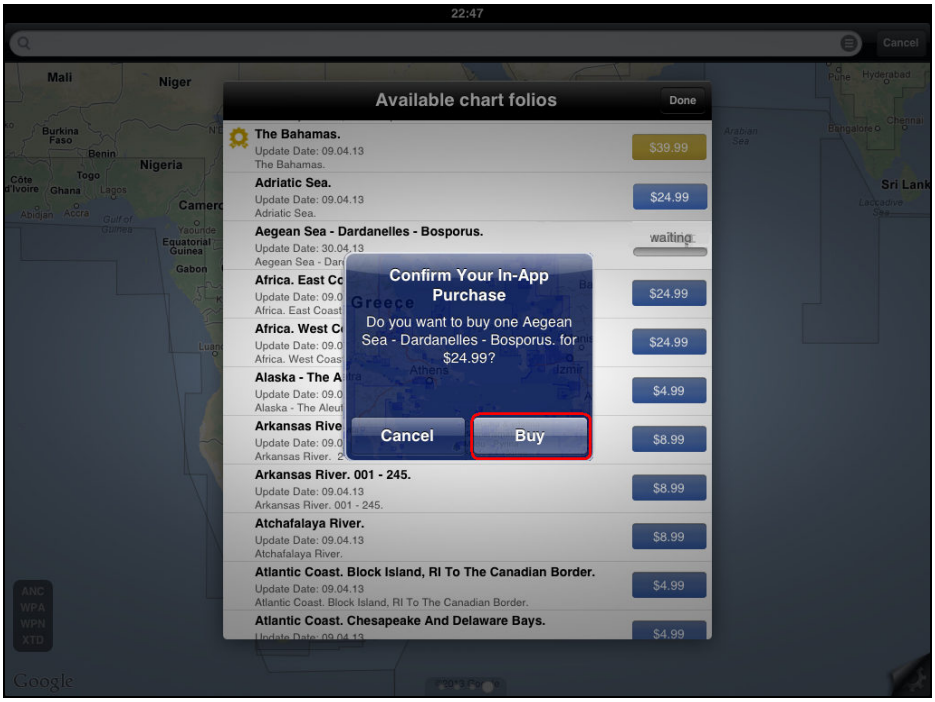
3. Tap again on the **"Buy now"** button:



"Buy now" button.

4. Press next **"Buy"** button for confirmation:



Pop up confirmation window with the "Buy" button.

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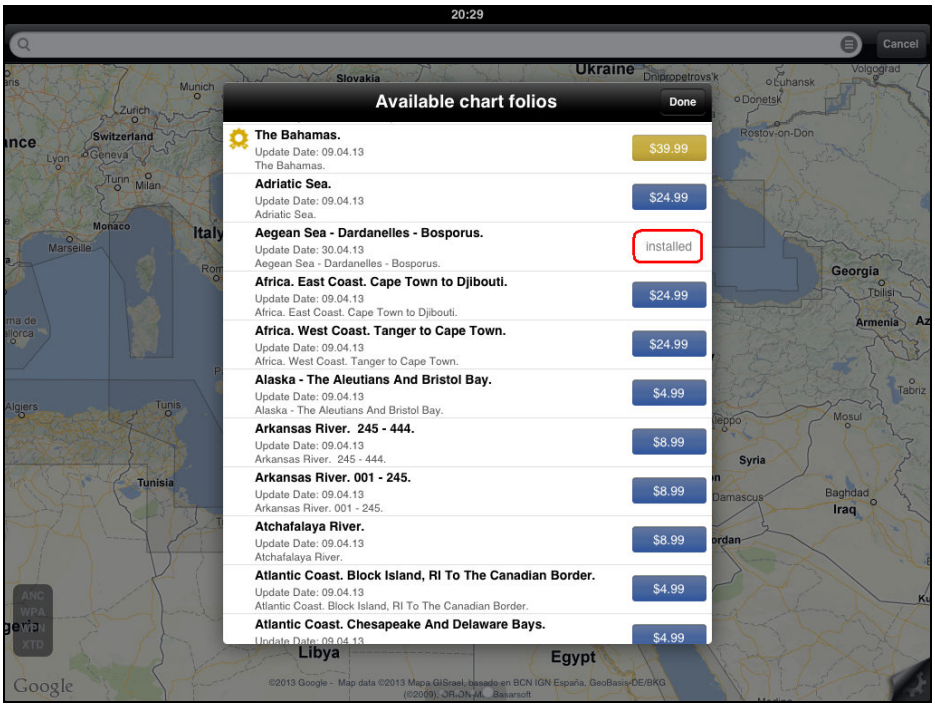
5. Enter your **Apple ID password** and press **"OK"** button finally:

Enter password and press "OK" button.

6. Check the **"Installed"** status:



"Installed" status is shown for all installed charts & folios.

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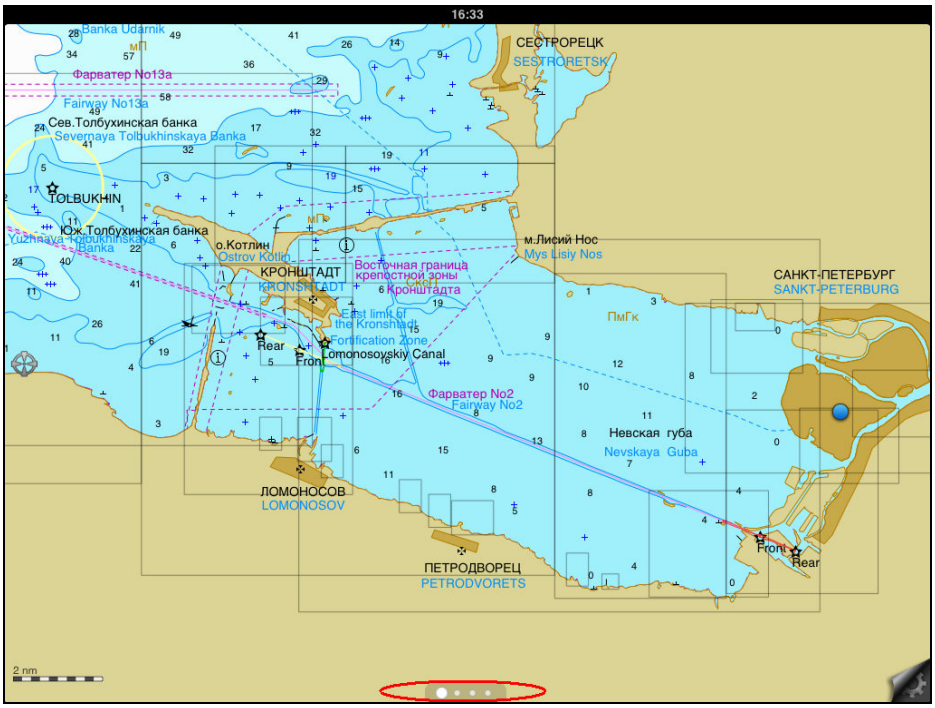
4. Chart layouts and user settings

Run **iSailor** app.



Four general layouts **"Chart"**, **"Monitoring"**, **"Track & Route"**, **“Chart store”** and additional menu **“Settings”** are implemented in the application.

Access to the switcher area is carried out in the bottom part of the screen.

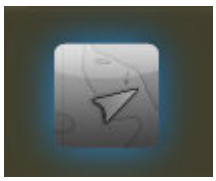
	**Chart**	The layout is intended for the simple and most complete displaying of chart data.
	Monitoring	The layout is intended for monitoring of the own ship data and its proceeding along the route (with the route available and selected for monitoring). Also it enables user to plot the User Info objects on the chart. The own ship motion parameters panel is always displayed. If a route is loaded, there is also an additional panel for monitoring the passage along the route.
	Route & Track	The layout is intended for work with routes and tracks.

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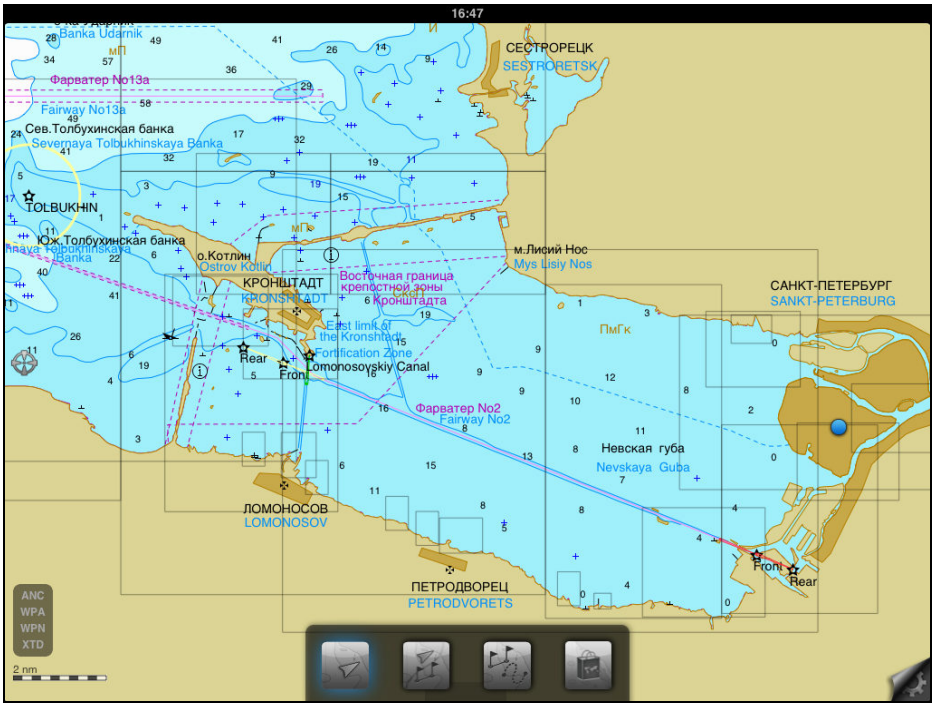
	Chart store	The layout is intended for purchase of charts folios.
	Settings	The menu is intended for work with general settings

To select the required functional layout, touch the screen at the bottom and choose one.



Each layout has the following elements:

	Button for quick back to the current ship position
	Button for quick access to Alarms settings panel (only available if the function is turned ON in the **Settings\Location\Alarms monitoring**)

The following functions: **Cursor/Locator** Tool, **Chart objects** info, **ERBL**, **Own Ship ERBL** can be used on the each layout.

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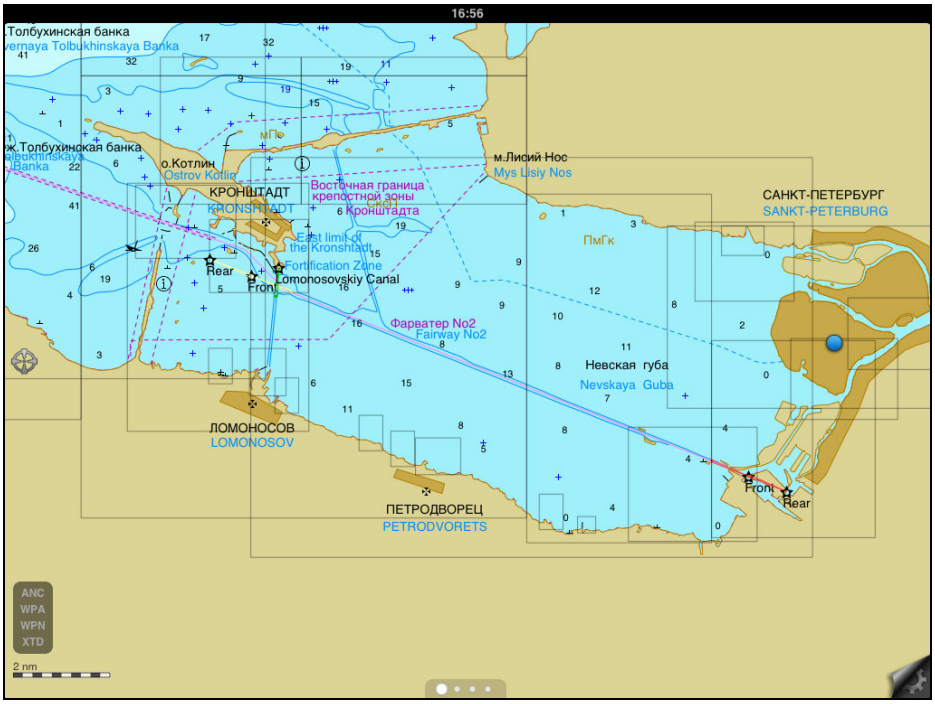
4.1 "Chart" layout (default screen)



"Chart" layout.

4.2 "Monitoring" layout

"Monitoring" layout.

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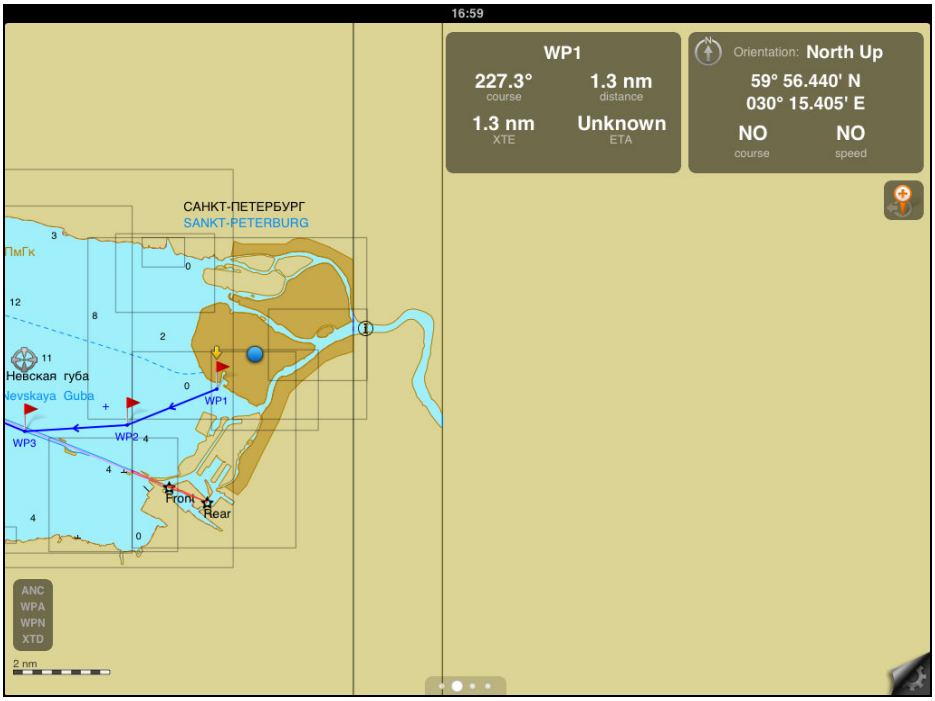
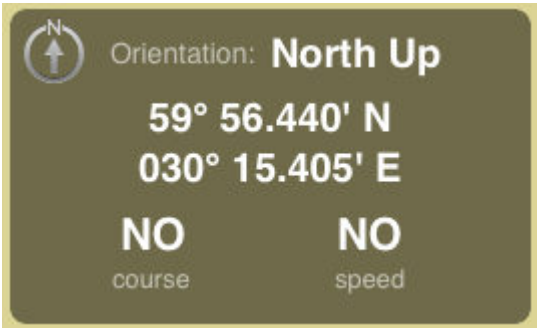
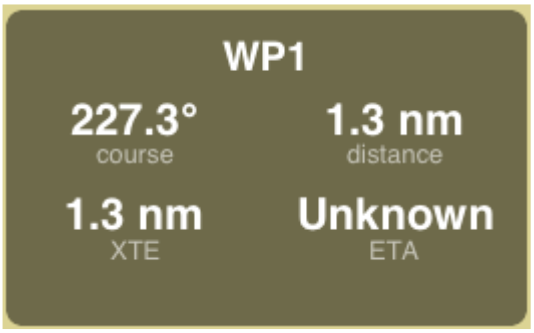


"Monitoring" layout with the active route.

	**"Own ship parameters"** panel North indicator — Chart orientation **Latitude** — **Longitude** **Course** Course-Over-Ground — **Speed** Speed-Over-Ground
	Additional **"Monitoring"** panel **Available only if the route selected for view and monitoring** **WP Name** **Course to WP** — **Distance to WP** **XTE from leg** — **ETA to WP**
	"Add user object" button

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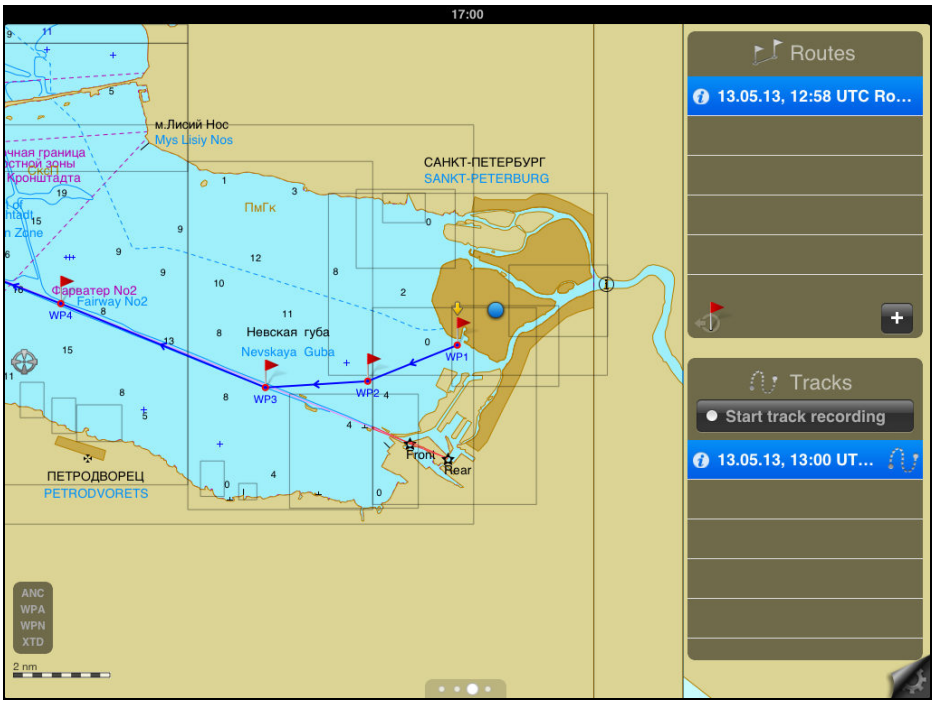
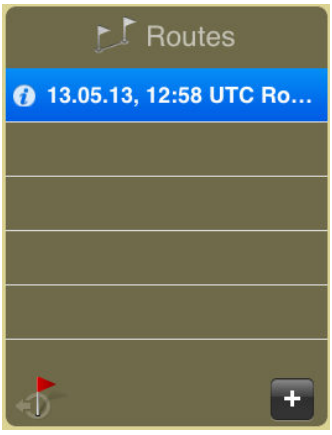
4.3 "Routes and Tracks" layout



"Routes & Tracks" layout.

The screen is intended for work with routes and tracks. It allows the use of the following functions: **Chart Info, Point-To-Point ERBL, Own Ship ERBL.** There is a button for the prompt return to the current position and the alarms control panel (if turned ON).

Routes:

	**"Route"** panel.
	"Create new route" button.

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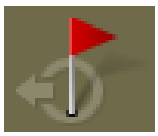
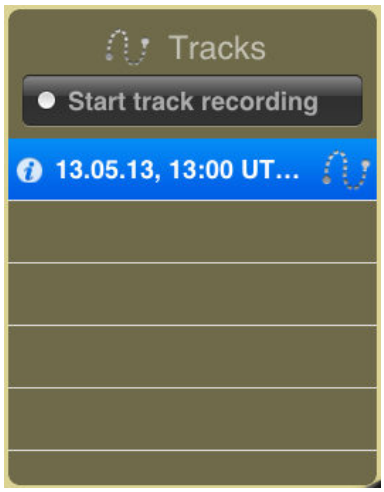
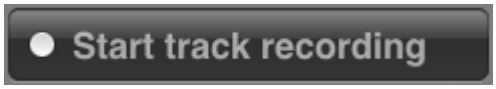
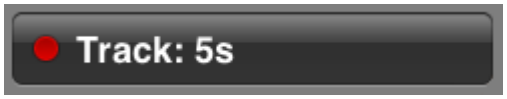
	**“Add new way point (WP)”** button. Button is unavailable without selected route for viewing and monitoring.
	Route in list.
	The route selected for viewing and monitoring is displayed in the blue colour. **Only one route can be selected for viewing and monitoring!**
	“Detailed information” button.

- display of the route list ;
- creating a route by using the graphic and tabular method;
- capability to edit the route name, names of waypoints, coordinates of waypoints;
- selecting a route for monitoring;
- obtaining reference information about the route;
- deleting a route.

Tracks:

	**“Tracks”** panel.
	**“Track record”** button is **OFF.**
	**“Track record”** button is **ON.**
	“Detailed information” button.

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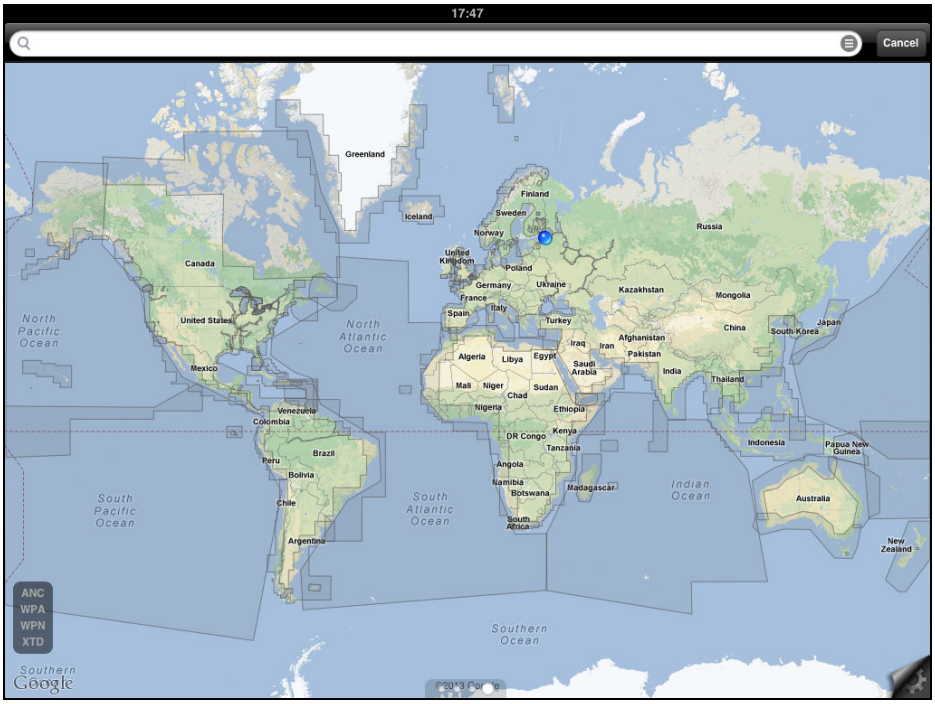
	Indicator of the track colour.
	Track in list.
	The track selected for viewing is displayed in the blue colour

- display of the track list;
- current track recording;
- capability to edit the track name, track colour;
- selecting tracks for the display;
- obtaining reference information on the track;
- deleting a track.

4.4 "Chart store" layout



"Chart store" layout

The screen is intended for work with the built-in Chart store.

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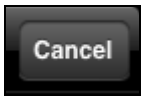
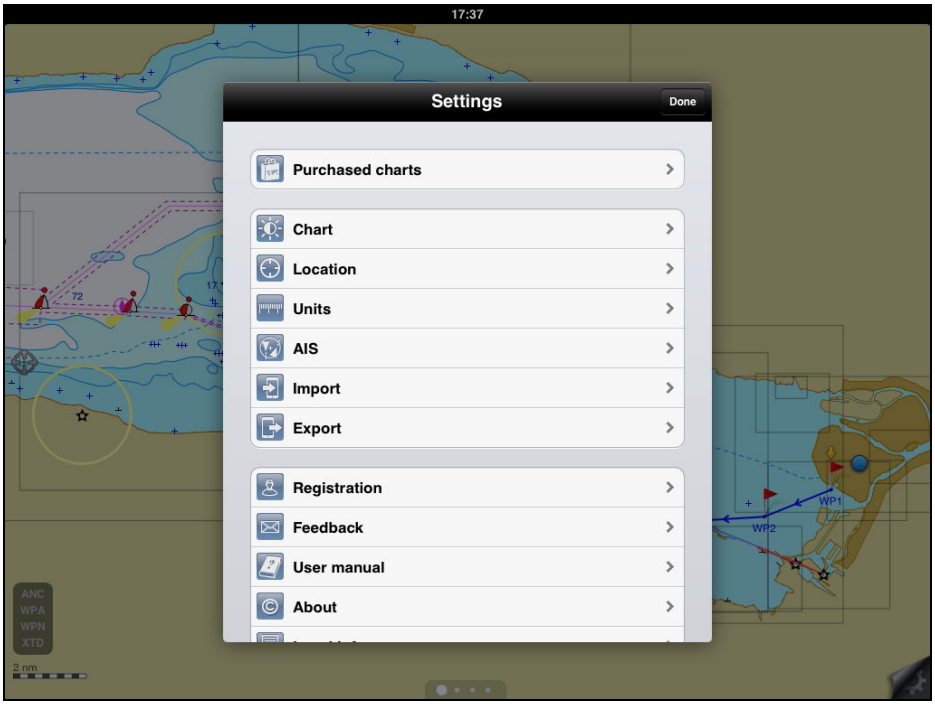
Top buttons and functions:

	Search line.
	List of available chart folios.
	Cancel of search.

- Simple search of the chart folio;
- Obtaining detailed coverage of the chart folio;
- Obtaining detailed coverage of the charts;
- Purchase of the chart folio.

4.5 "Settings" layout



"Settings" layout

The panel is intended for work with purchased charts and making user settings. Activation of the settings panel is performed via right-bottom "gear wheel" symbol. Advanced settings are described below in appropriate chapters. Refer for details to the **Annex I – "Settings" layout and user settings** below.

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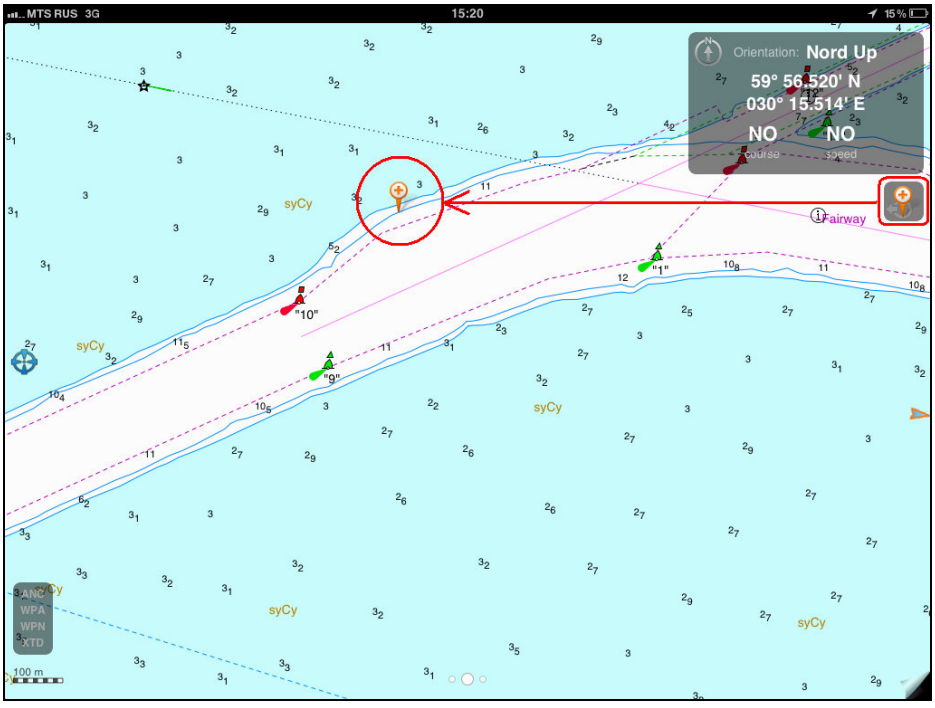
5. “iSailor" functionality

5.1 “User Objects”

How to add the “User Object” on the chart.

1. To add new **“User Object”**, drag icon from the relevant button and drop it on the chart in the required position.

	“Add user object” button



Drag and drop it on the chart to an appropriate position.

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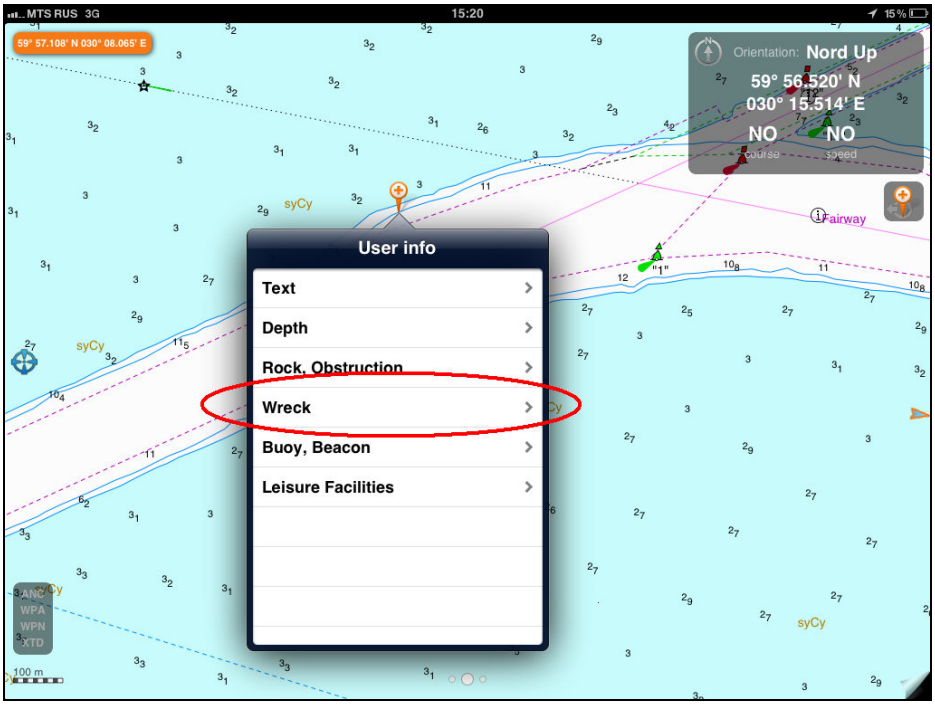
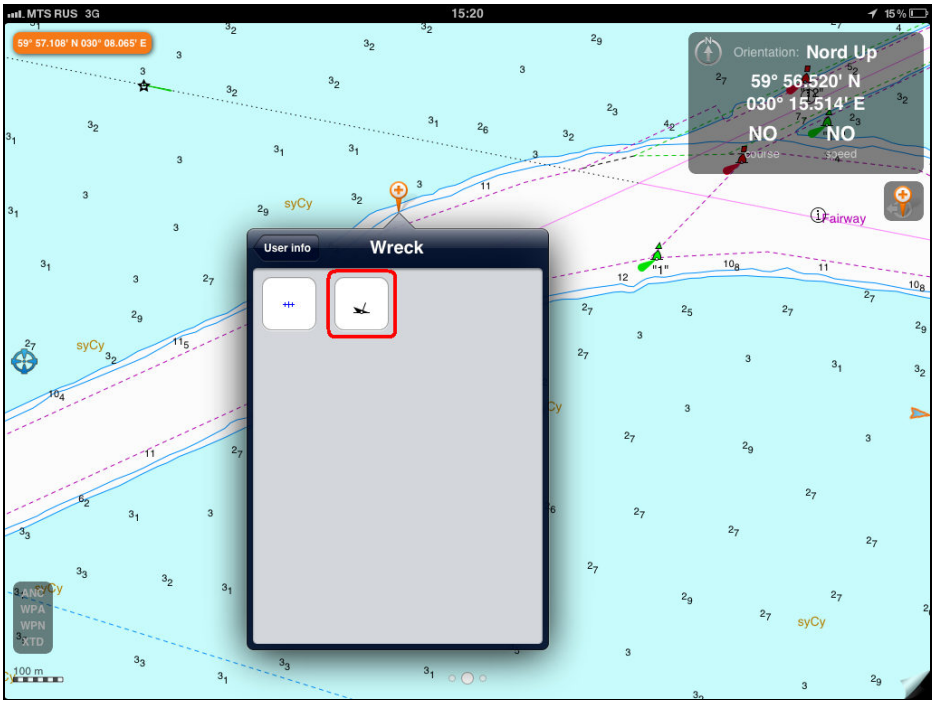
2. After that, select the object type from the list:



Create type of the plotted object.



"Wreck" object is shown on example above.

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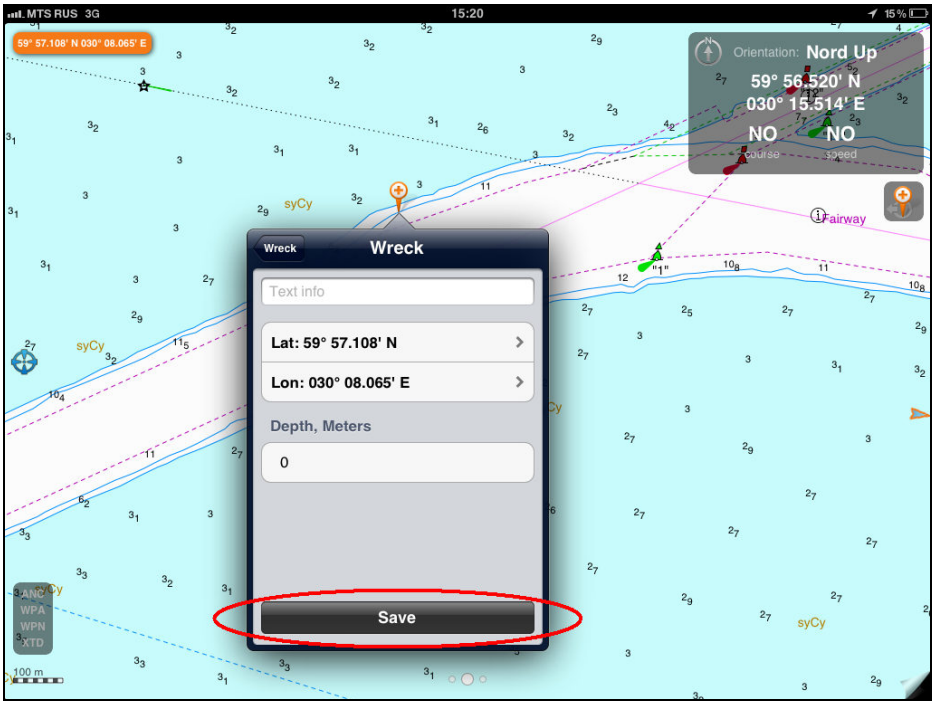
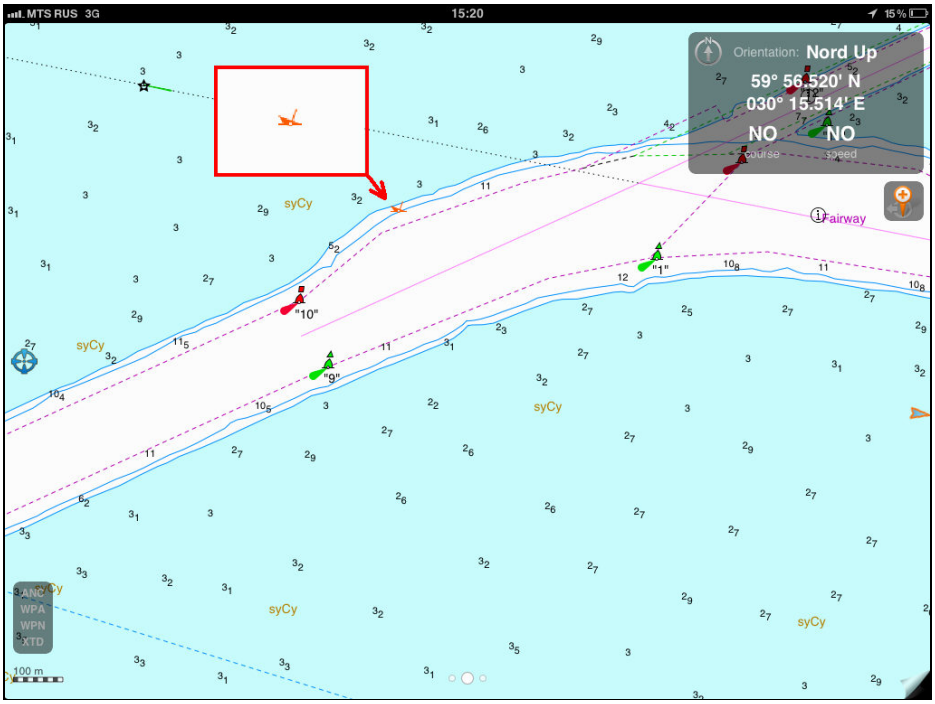
3. Add additional info (Text or Depth) or correct position of the object if necessary. Press **“Save”** button for confirmation:



Press “Save” button.



User object is ready.

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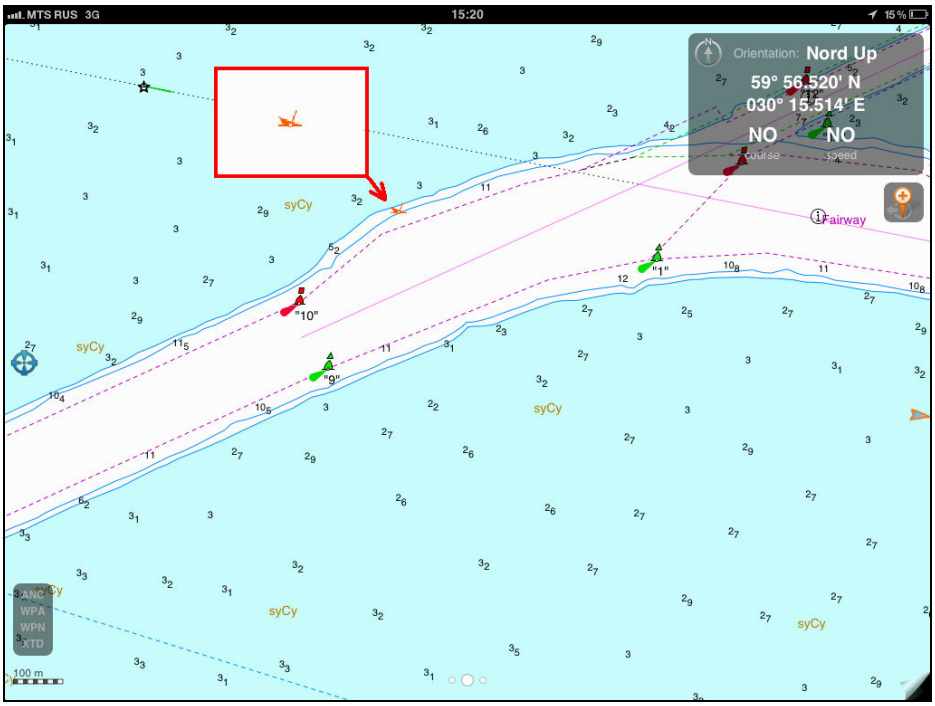
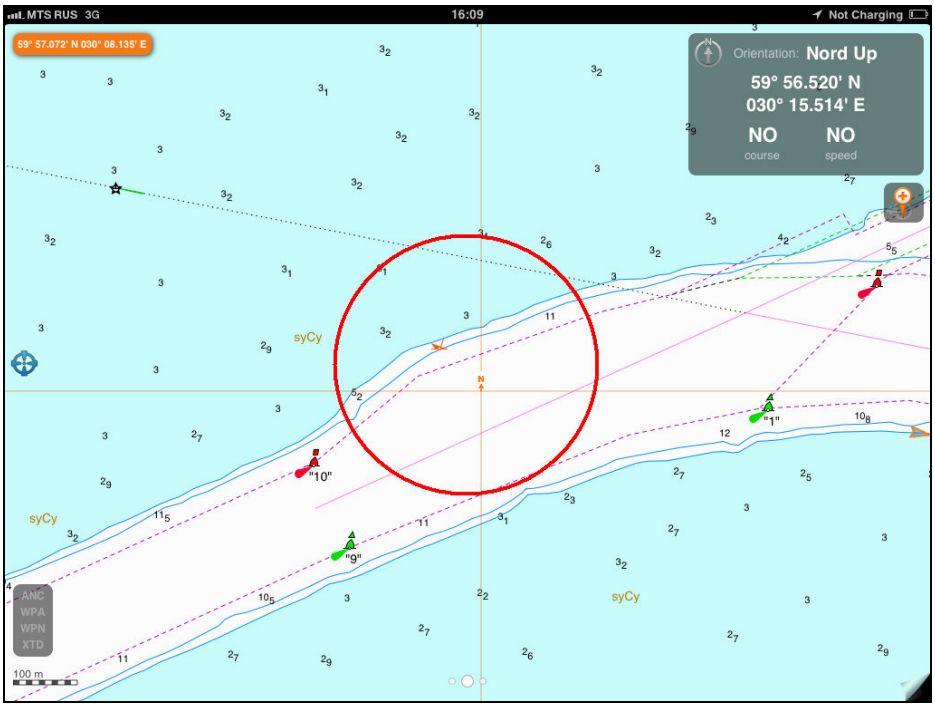
How to delete the User Object from the chart.

To delete object call **Cursor / Locator Tool** (short tap on the screen if it is **ON** or long tap if it is **OFF**), press and hold the cursor center (intersection of lines) and move it to the necessary object on the screen. Short tap on the object, select objects info on the list and delete it.



Find User Object for deletion.



Activate "Cursor / Locator Tool" by short or long tap on the chart.

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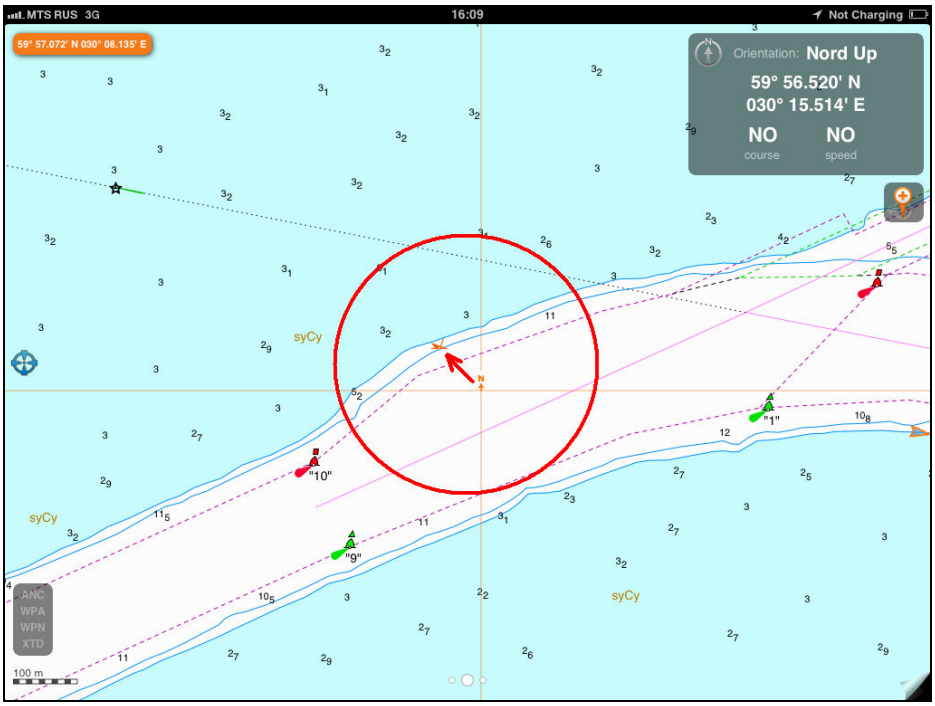
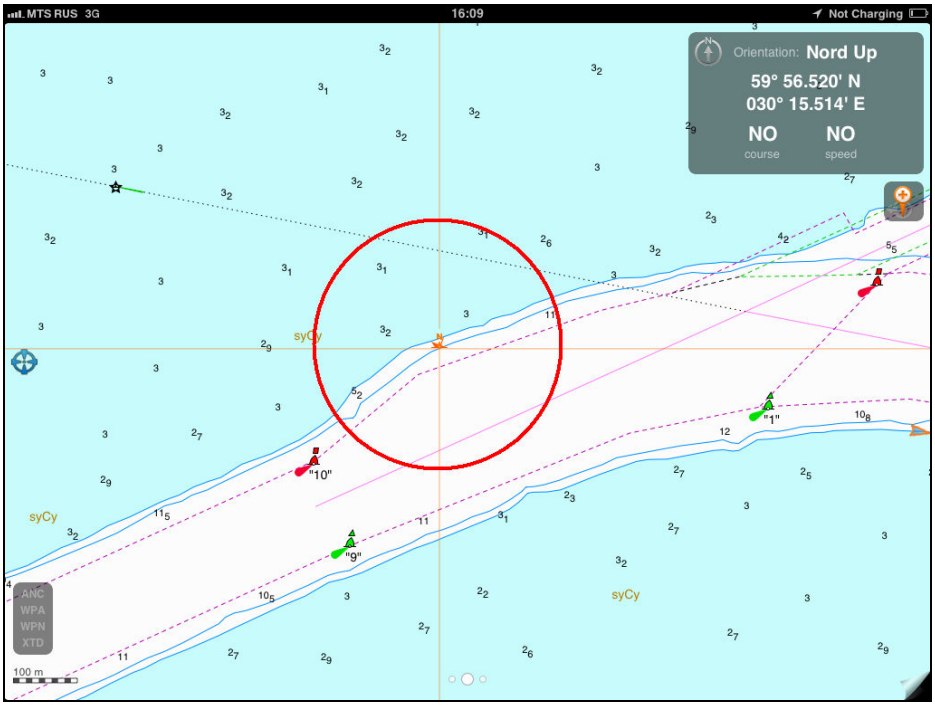


Move the "Cursor / Locator Tool" to the object for deletion.

NOTE: For text user objects, - set Center of "Cursor / Locator Tool" on the first letter of the text for deletion.



"Cursor / Locator Tool" on the object.

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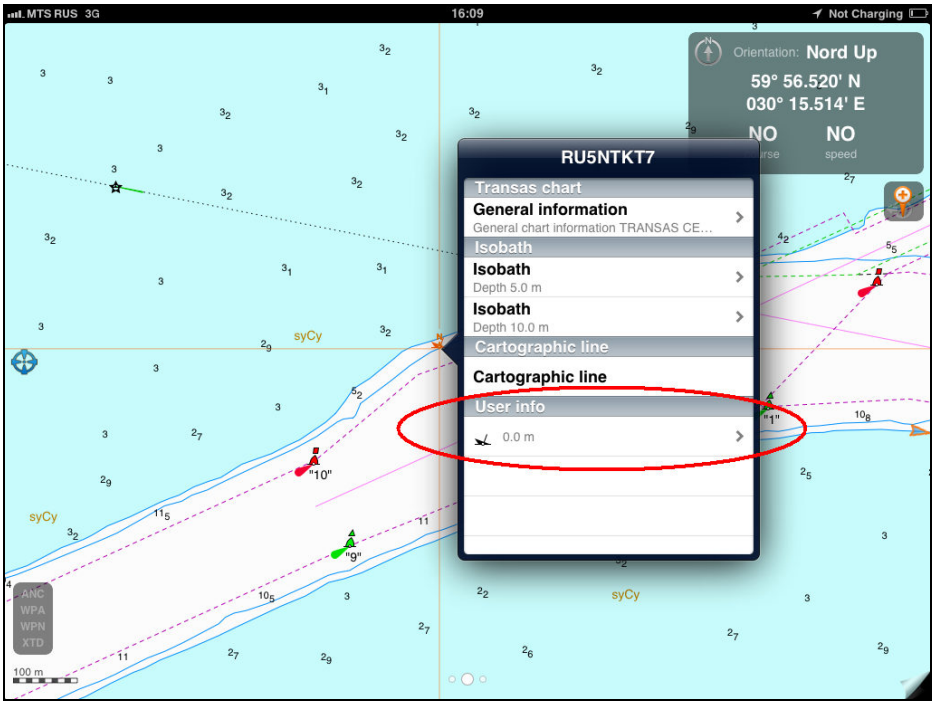
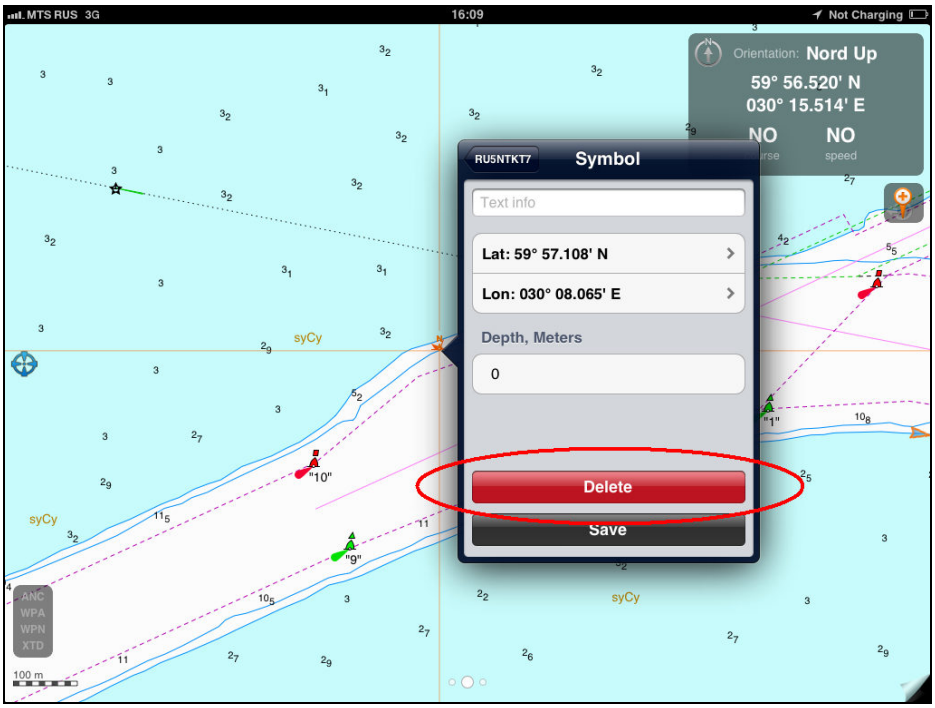
Short tap on the **"Cursor/Locator Tool"** for displaying chart objects info panel.
Short-tap cursor crosshairs for displaying chart objects info panel:



Short-tap on "User info" of the selected object for deletion.



Press "Delete" button to delete selected User object.

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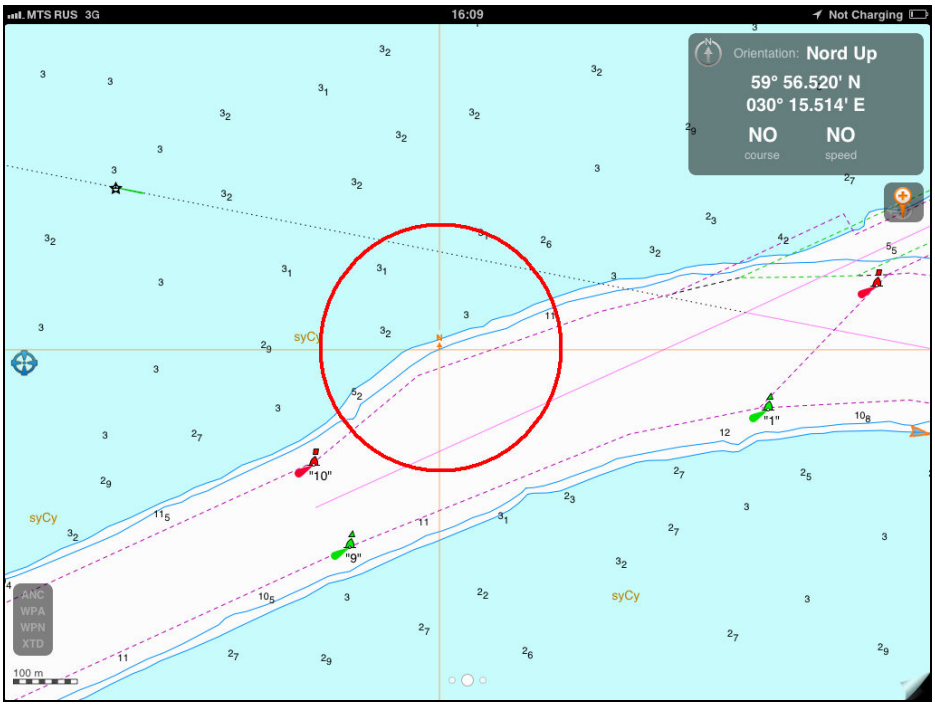
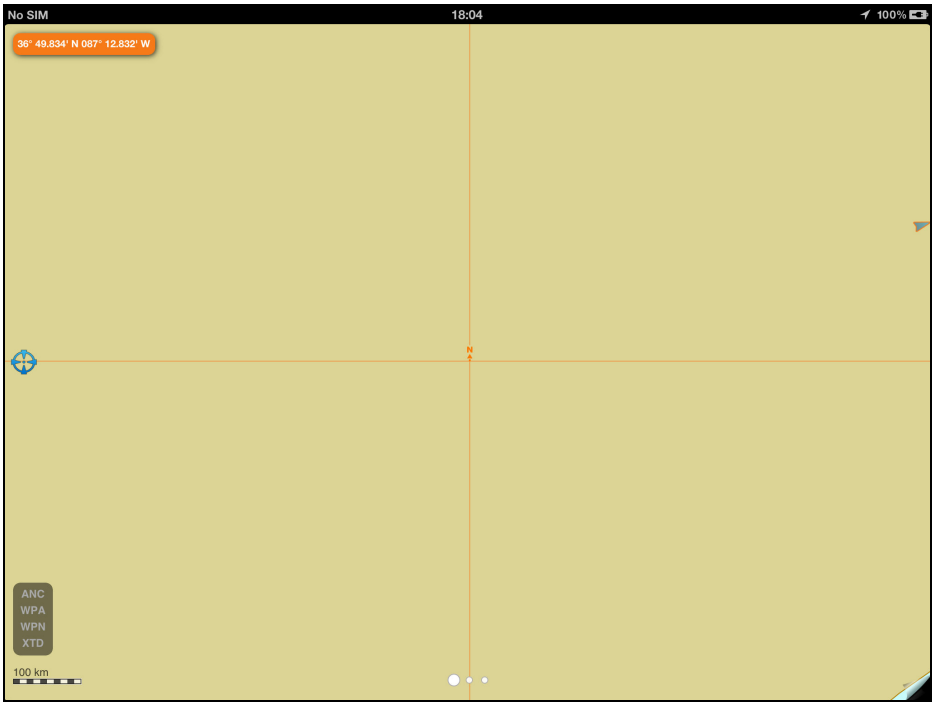


User object is deleted. Long tap on the "Cursor/Locator Tool" to remove it from the Chart display, if necessary.

5.2 Cursor / Locator Tool.



The function is intended for obtaining information about the latitude and longitude of a point on the screen, and also indicates the place of applying other functions, e.g., Chart Info. It is turned on/off by a long tap. It represents a north-oriented intersection of two lines. To use it, touch the screen to acquire (press and hold) the cursor centre (intersection of lines) and move it to the required place on the screen. When the cursor moves on the screen, latitude and longitude of the cursor centre point (intersection of lines) are shown in the orange-coloured oval.

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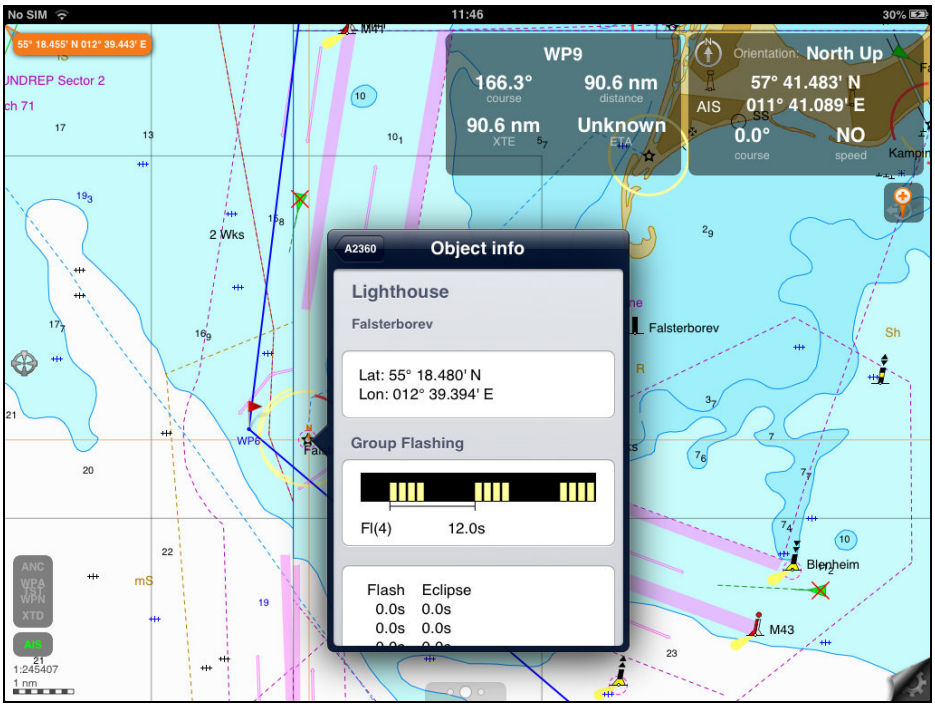
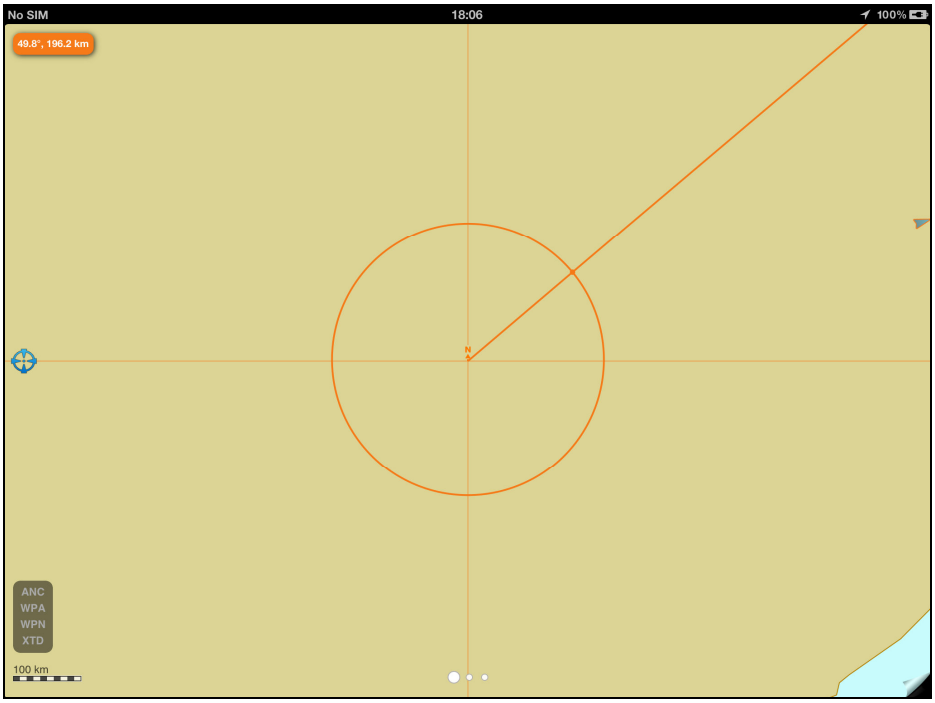
5.3 "Chart Info" Function.



The function is intended for obtaining reference information about the electronic chart objects. It operates jointly with the information cursor: Free **"Cursor / Locator Tool"**.

To use it, put the cursor intersection on the necessary point and short-tap the object. On the displayed window, view the reference information about the object.

5.4 "ERBL" Function.



Point-To-Point ERBL on the electronic chart.

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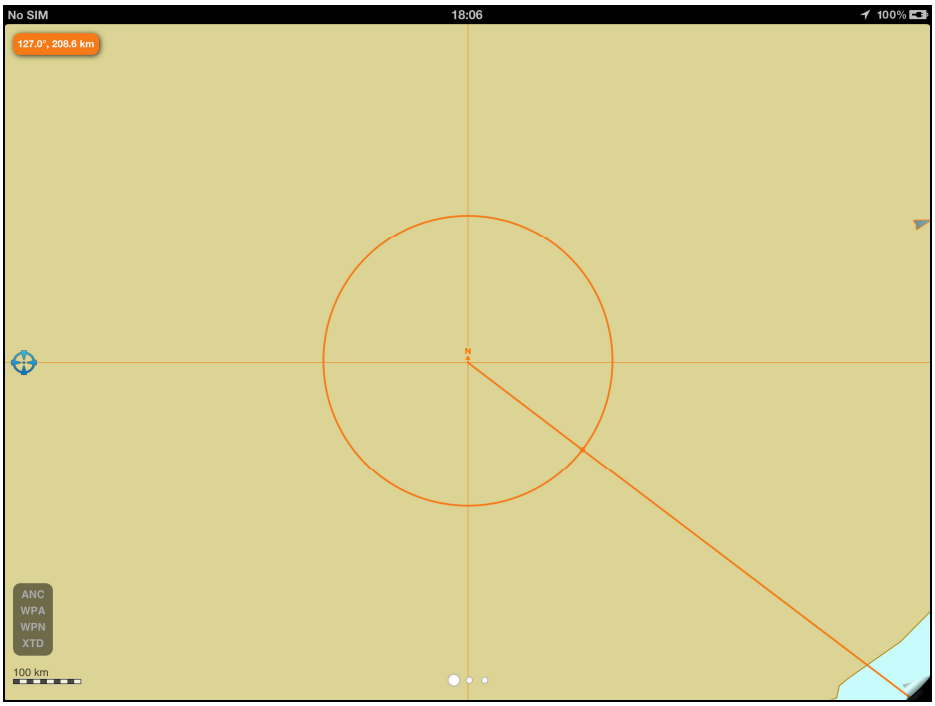
ERBL – Electronic Range and Bearing Line

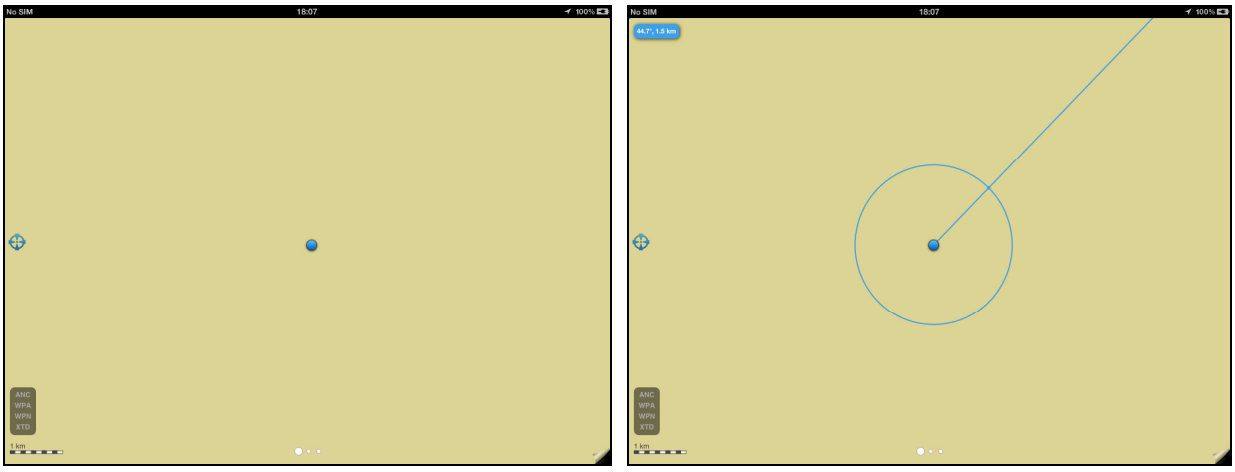
The function is intended for obtaining bearing and distance for the centre of the information cursor to the selected point. It operates jointly with switched **ON** the information cursor: Free **"Cursor / Locator Tool"**.

To use it, touch the screen to acquire (**press and hold**) the cursor centre (intersection of lines) and move it to the necessary point on the screen. Touch the screen with the thumb in an arbitrary point. In the touch point, an orange-coloured circle and reference point will appear.

As any of the points moves on the screen, values of bearing and distance from the cursor centre point (intersection of lines) to the point on the circle are displayed in the orange-coloured oval, located in the top right corner of the display.



To Turn Off ERBL, - short-tap the cursor centre or reference point on the circle.



Own ship referenced ERBL.

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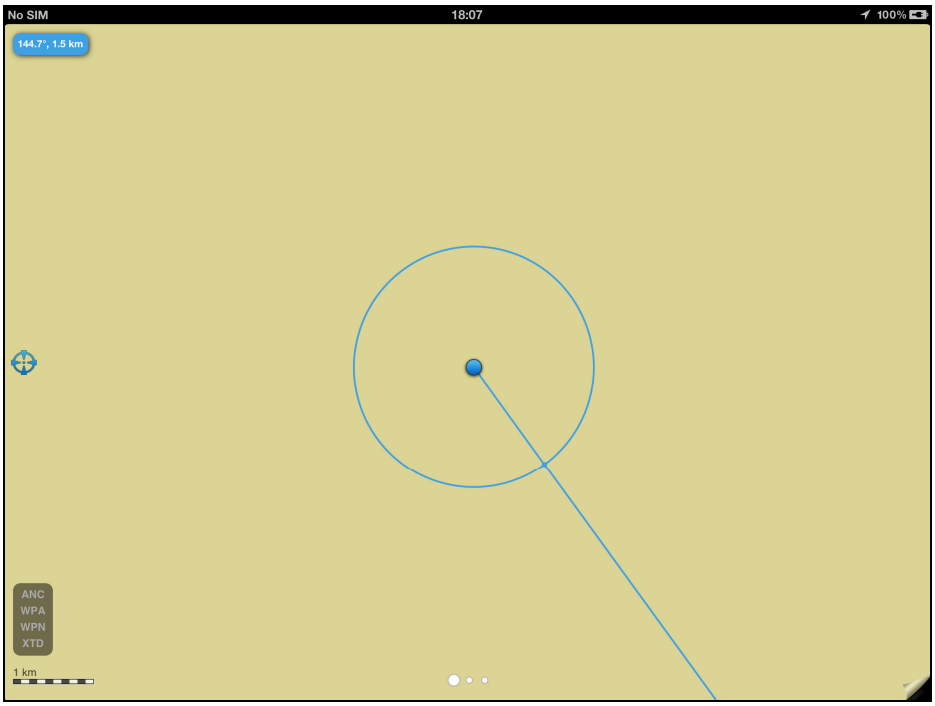
The function is intended for obtaining values of bearing and distance from the own ship to the selected point. As the own ship moves, the reference point moves together with the ship.

To use it, touch the own ship symbol and by keeping the finger on the screen move it to the necessary direction. A blue-coloured circle and reference point will appear. As the own ship or reference point moves on the screen, values of bearing and distance from the own ship current position to the reference point on the circle are displayed in the blue oval.



To turn off, short-tap the own ship symbol or reference point on the circle.

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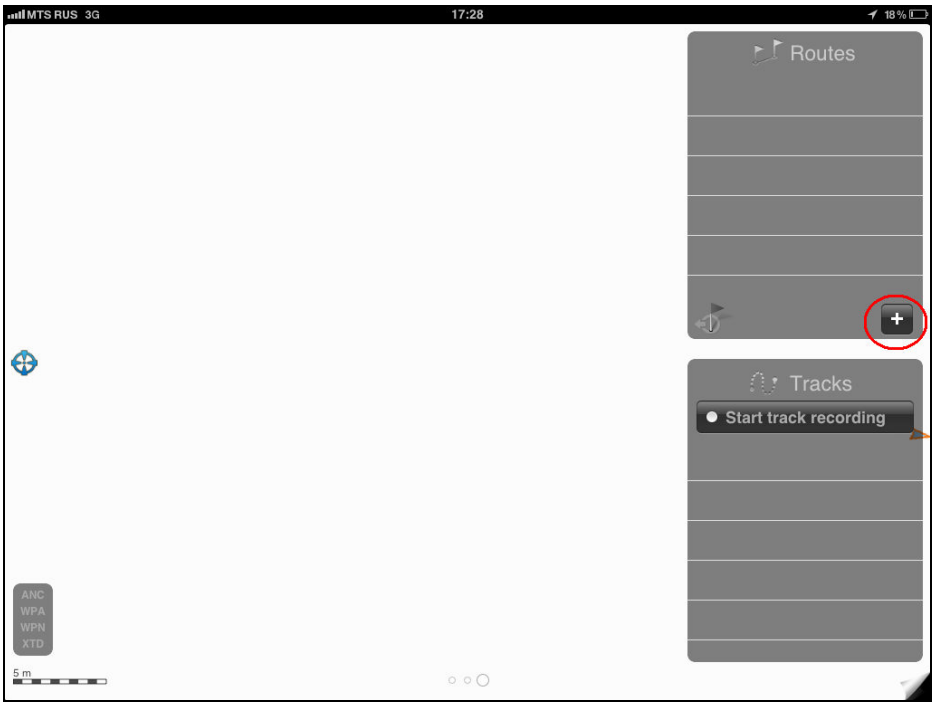
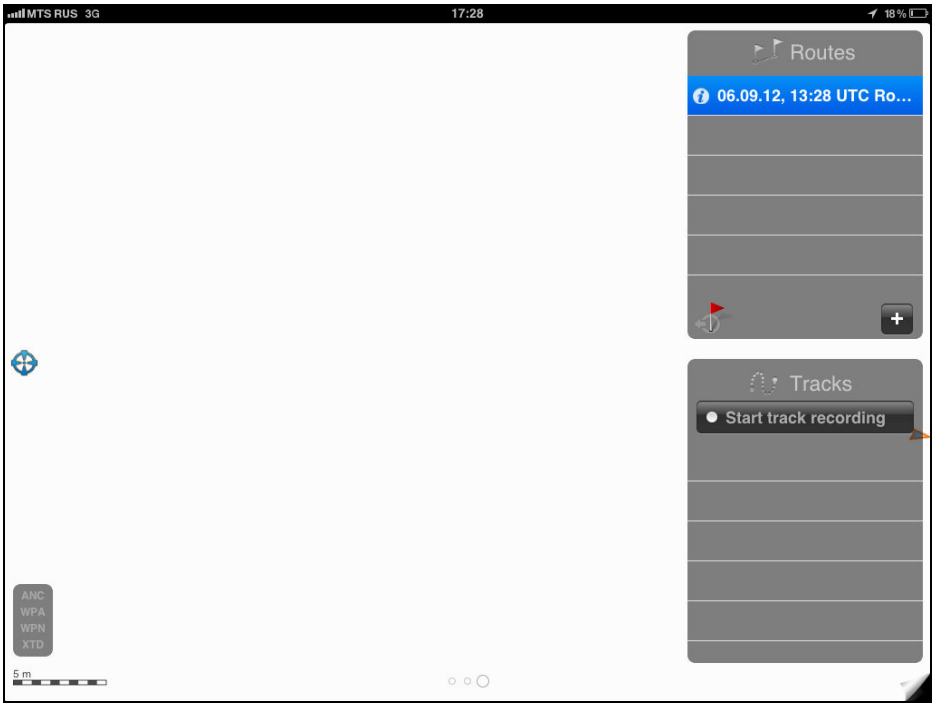
5.5 Operations with Routes.

How to create a Route

Go to the **"Routes & Tracks"** layout.
You can operate with Routes and WP flags only at "Routes & Tracks" layout!!!



In Routes panel tap "Create new route button".
New "empty" route will appear in route list.



By default each new route selected as "loaded for view and monitoring".

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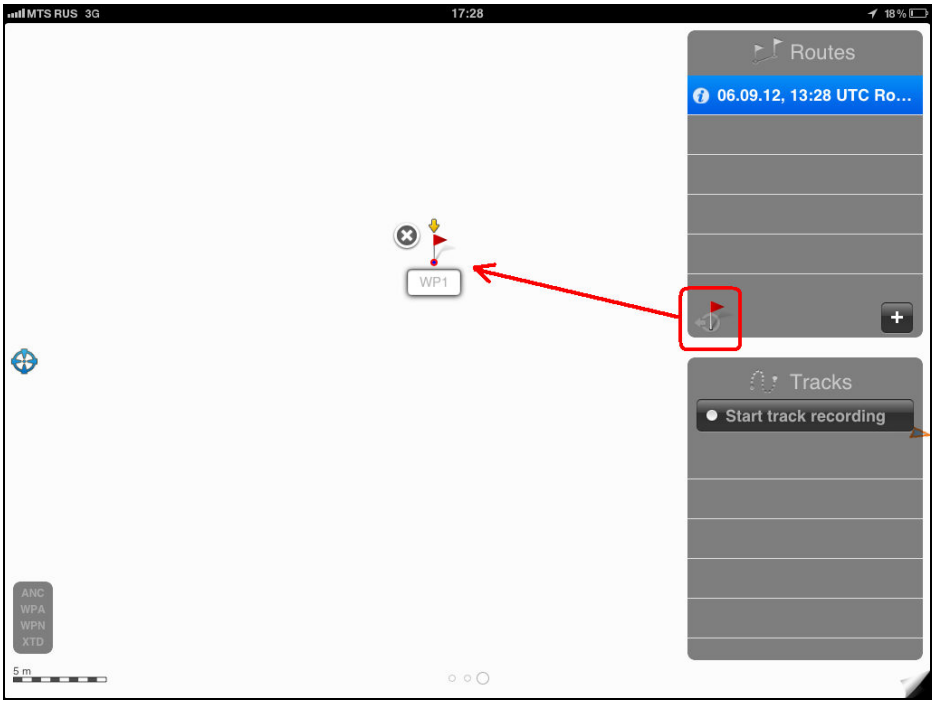
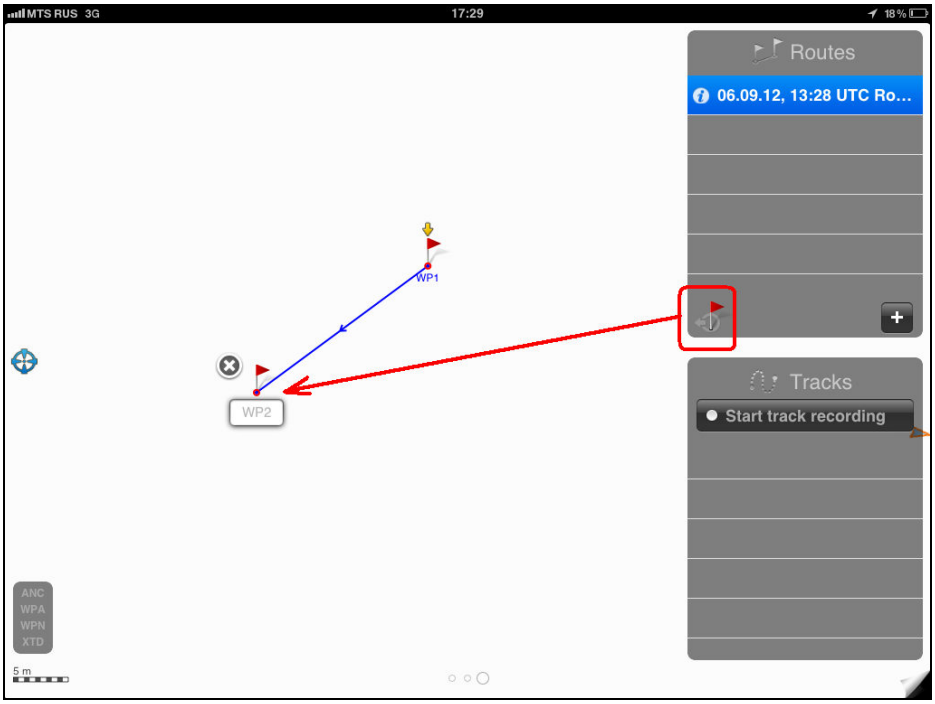
To add new way point (WP), drag WP flag button from panel and drop it on the chart in the required position:



Drag WP1 flag button from panel and drop it on the chart.

To change WP flag position, please touch it and you move. Also you can change WP name if necessary. To add additional new way point (WP), drag WP flag button from panel again and drop it on the chart in the required position, etc:



Drag and Drop other WPs for the required route

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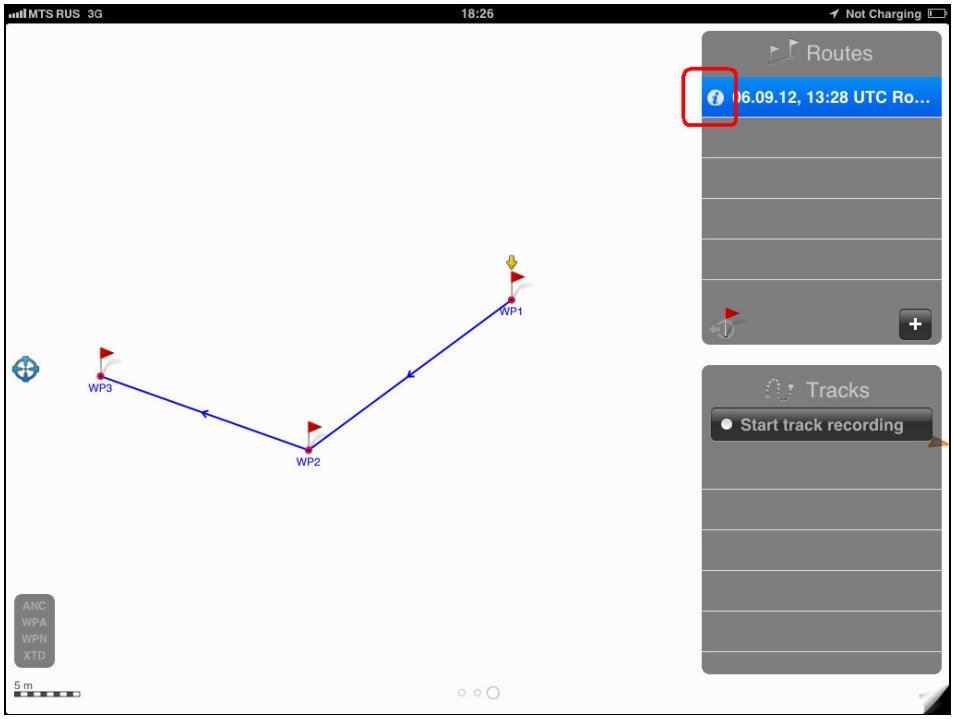
Also you can use the **"detailed information"** button for route creation in a tabular view, change of WPs coordinates, etc.



"Detailed information" button.

Advanced "WP list" for created / selected route.

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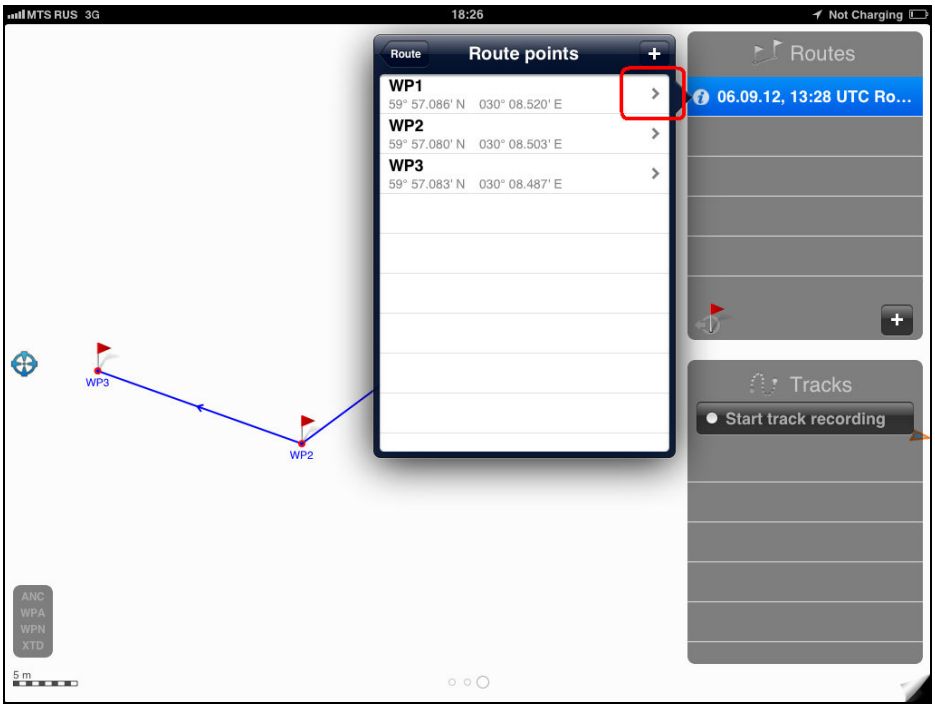
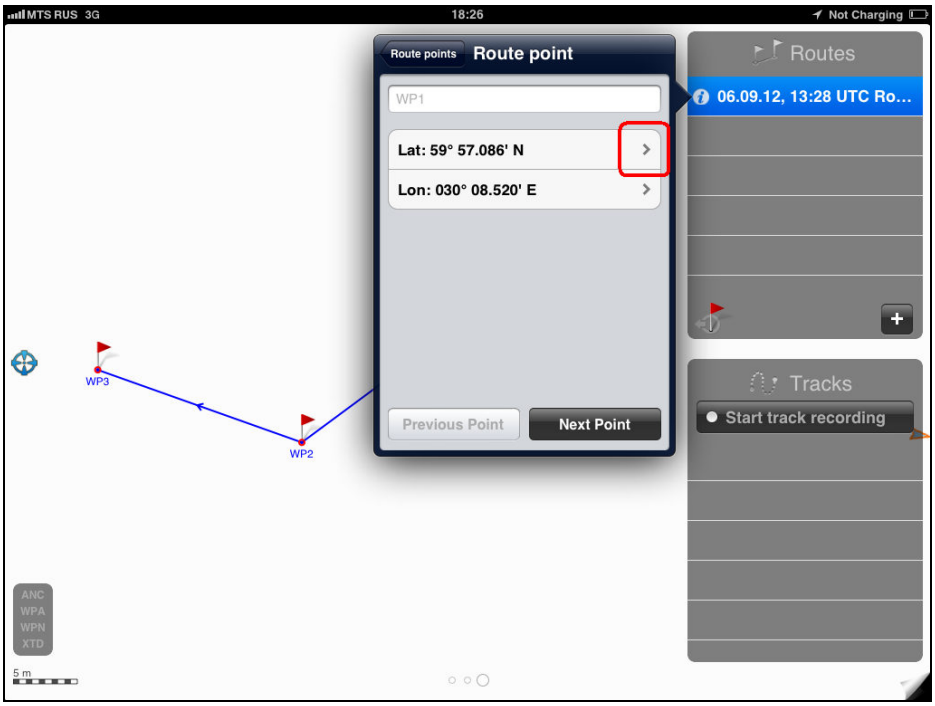


Select "WP X" for editing, if necessary.



Select "WP X" for editing, if necessary.
It is possible to add "WP name" here or edit WP coordinates in digital form.

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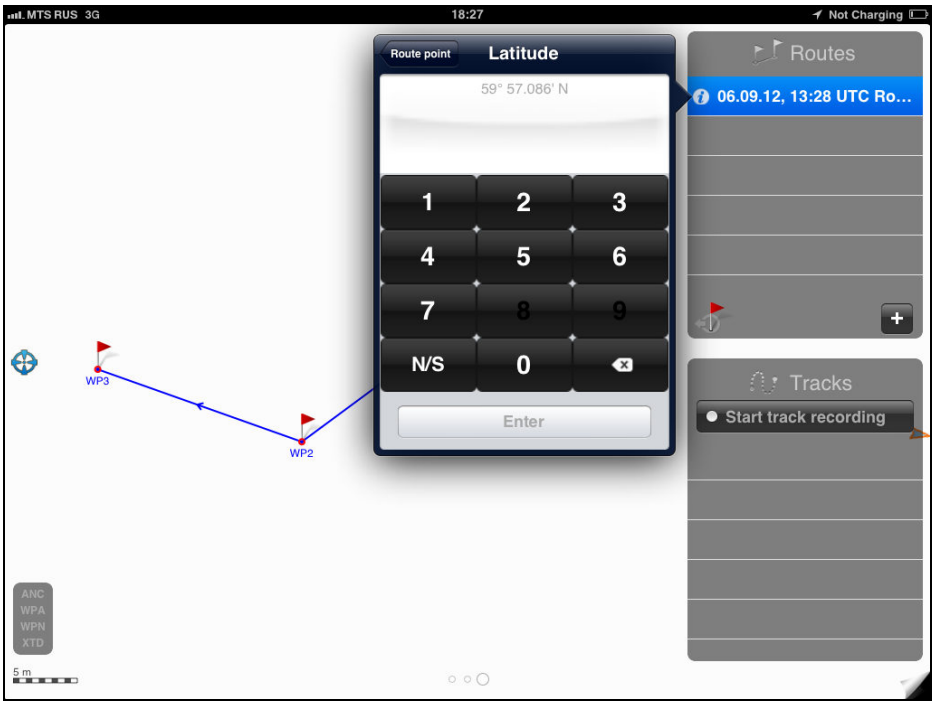

Editing of WP coordinates in digital form.

This method can be also used for the route creation in the digital format. I.e. route may be plotted graphically at first – as preliminary route, and later all Waypoints can be corrected manually in the digital format, by their corrections of their latitude and longitude data.

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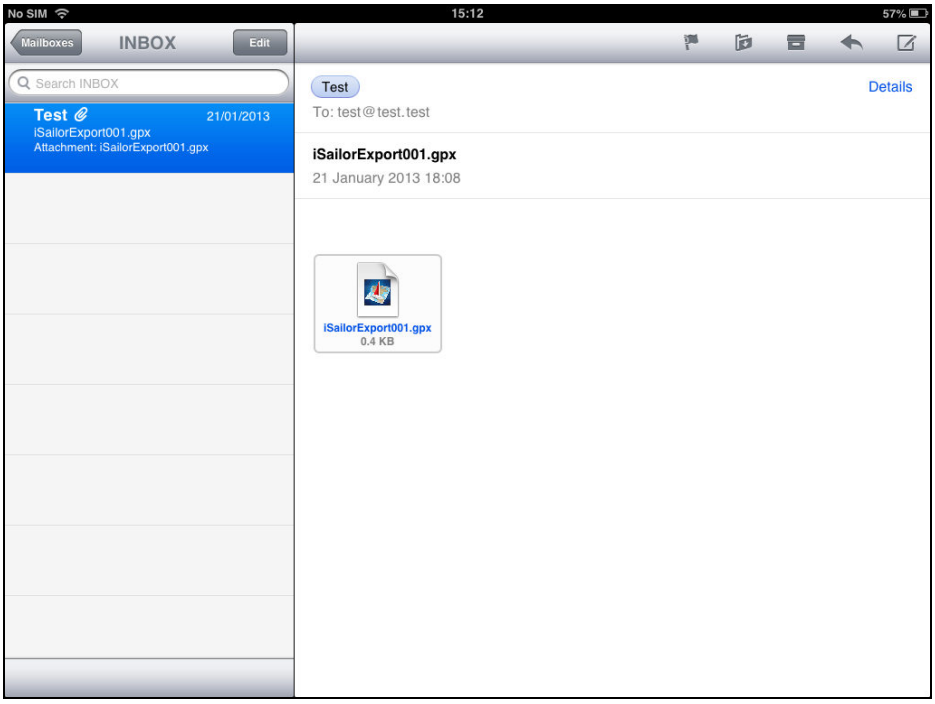
6. Routes & Tracks: Data Import and Export

6.1 Import Data by E-mail

You can Import external data via e-mail with attached ***.GPX**, ***.KML** or ***.KMZ** file.



Open E-mail service on the device.

Select the required attachment, tap on and then "**Open in iSailor**".

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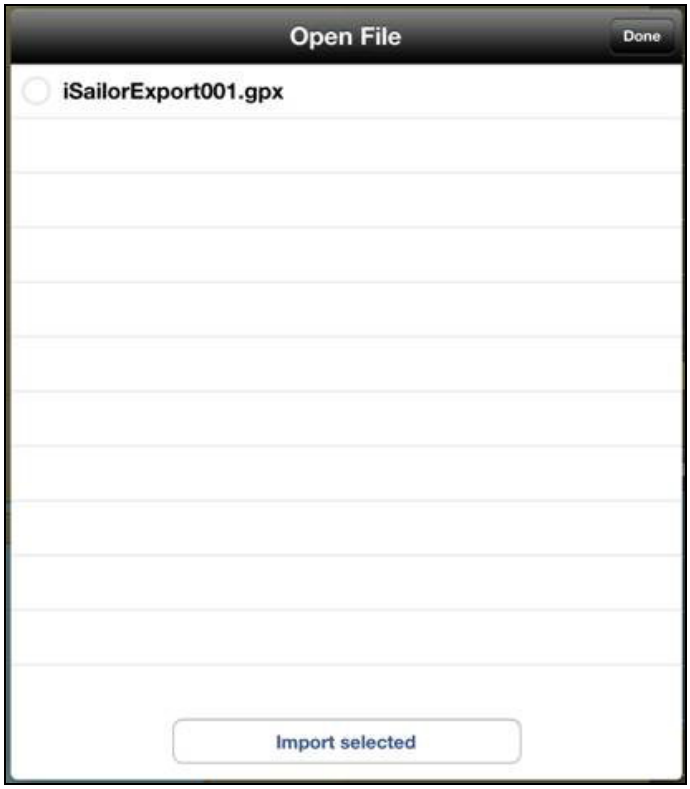

The iSailor app will be automatically started.
In the iSailor app find attached *.GPX file.

Select attached *.GPX file and press “Import selected” button.

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The iSailor app will automatically identify the content and type of data in ***.GPX** file:

Route with 3 waypoints is detected on example above

Select the required data and press "Import selected" button.

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Check the status and press "Done" button.

Find imported Route in the Routes list:

Imported Route on the Chart screen.

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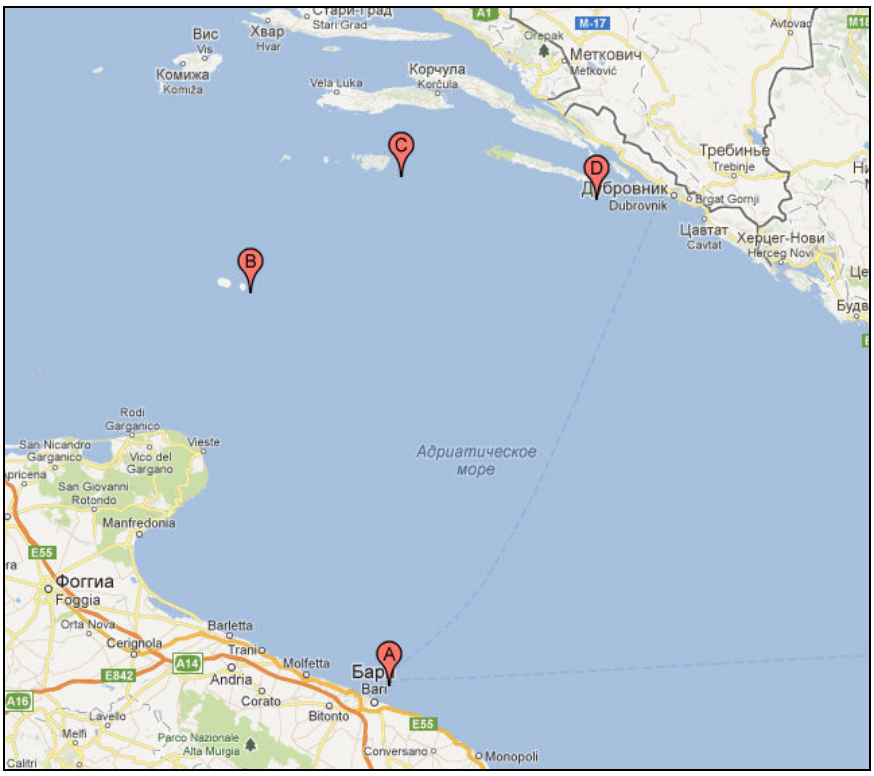
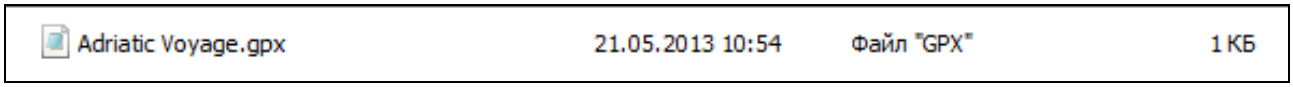
6.2 Import Data by "iTunes" application and Personal computer

You can Import external data via connected PC and **"iTunes"** application. Import format is the same as described above in the Chapter 6.1: ***.GPX, *.KML** or ***.KMZ** file.

- First of all, you Route / Track has to be created somewhere (3rd party application) and stored on PC in ***.GPX, *.KML** or ***.KMZ** format. As example, web geoplaner app can be used for that purposes (http://www.geoplaner.com/):

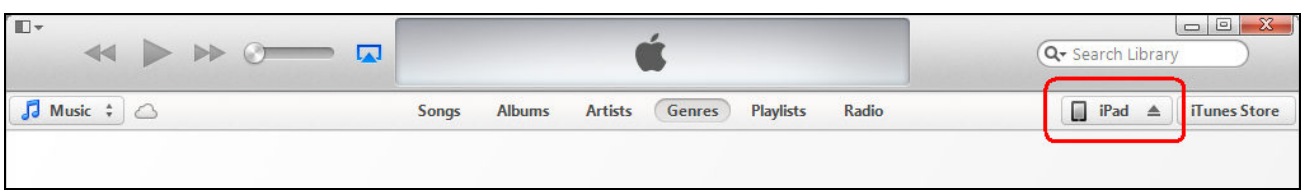


Create your route using external app and save on PC as *.GPX, *.KML or *.KMZ file.



Stored "Adriatic Voyage.GPX" file (as example) on the local drive as example.

- Then, run **"iTunes"** application on your PC. Connect your device (using USB cable) and make sure that device is recognized by **"iTunes"** app:



"iPad" button showing that Apple device is connected to PC via USB cable.

- Press on device button (mentioned above) and select **"Apps"** page:

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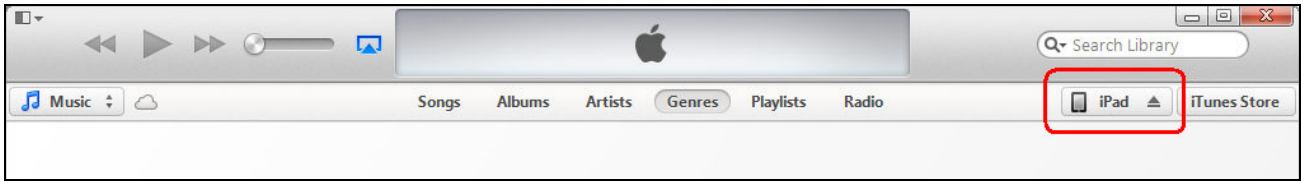
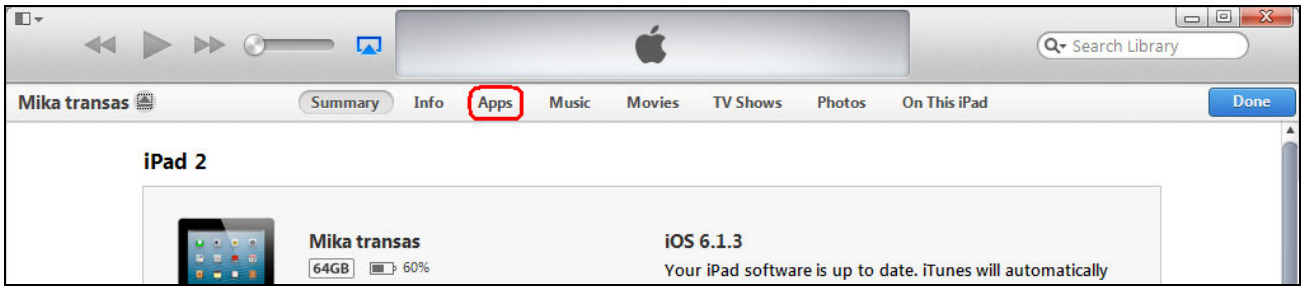


Press "Device" button ("iPad" on example above).



Press "Apps" button and select installed "iSailor" app in the list below.

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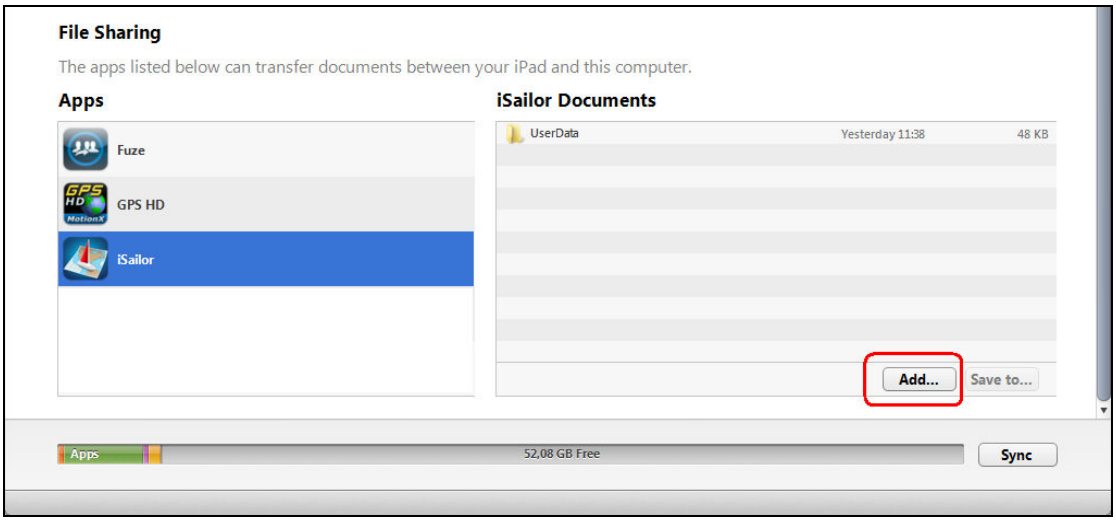
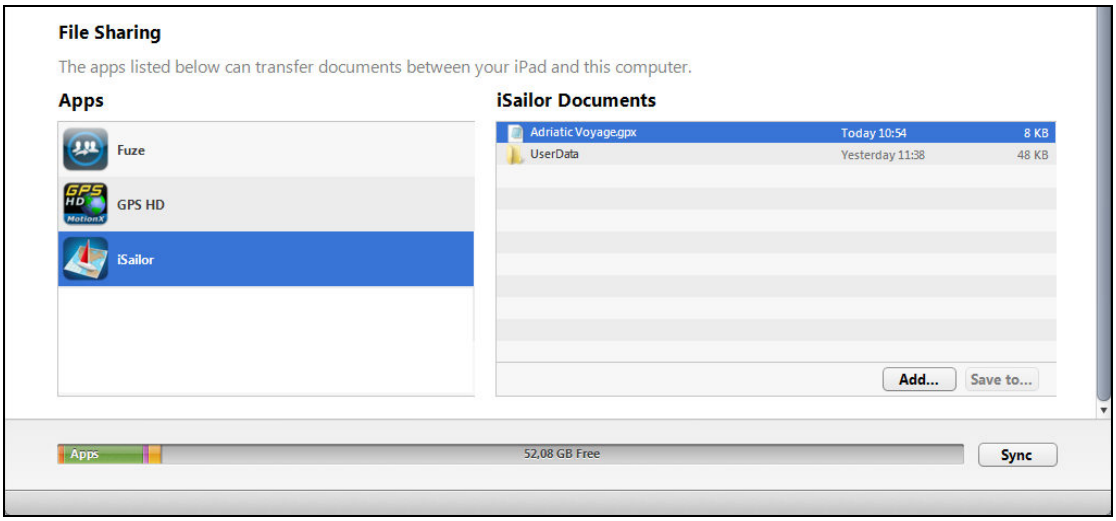


Press "Add" button and select created "Adriatic Voyage.GPX" file from your PC.



"Adriatic Voyage.GPX" is added into "iSailor" documents folder.

- Then, run the "**iSailor**" application on your device (do not disconnect the USB cable), go to "**Settings**" layout and tap on "**Import**" menu item:

"Import" menu item.

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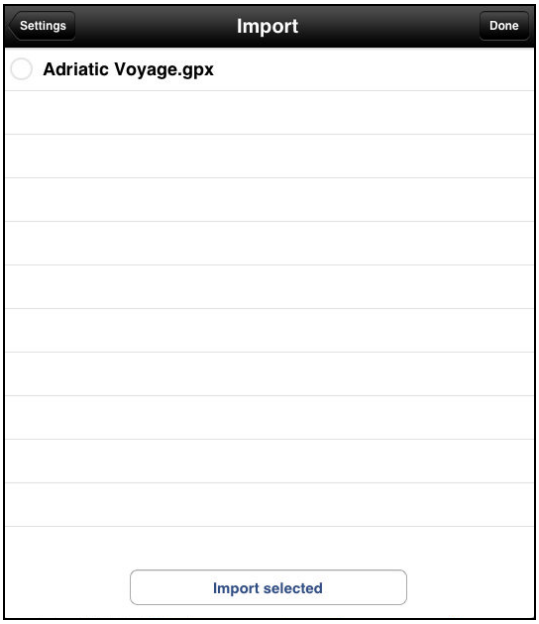
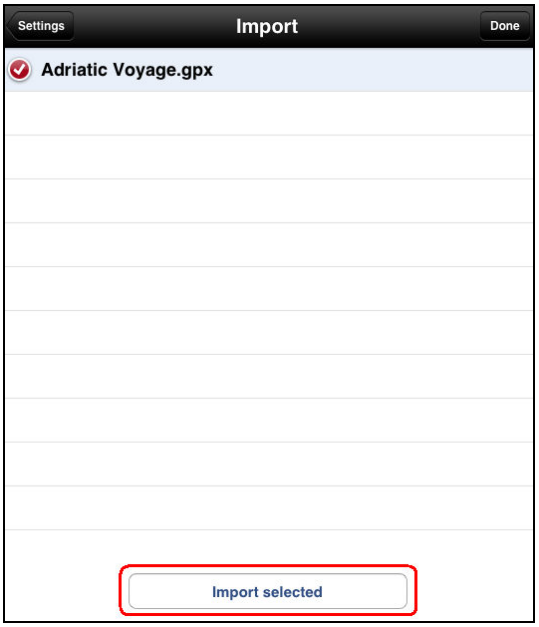
- ***.GPX, *.KML** or ***.KMZ file** will be detected on the **"Import"** page:



"Adriatic Voyage.GPX" on example above

- Tap and select the required ***.GPX, *.KML** or ***.KMZ file** and tap on below mentioned **"Import selected"** button:



"Adriatic Voyage.GPX" is selected. Tap on "Import selected" button.

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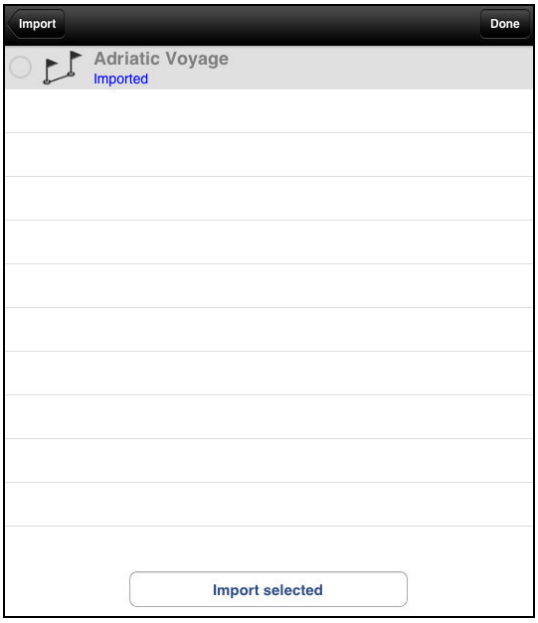
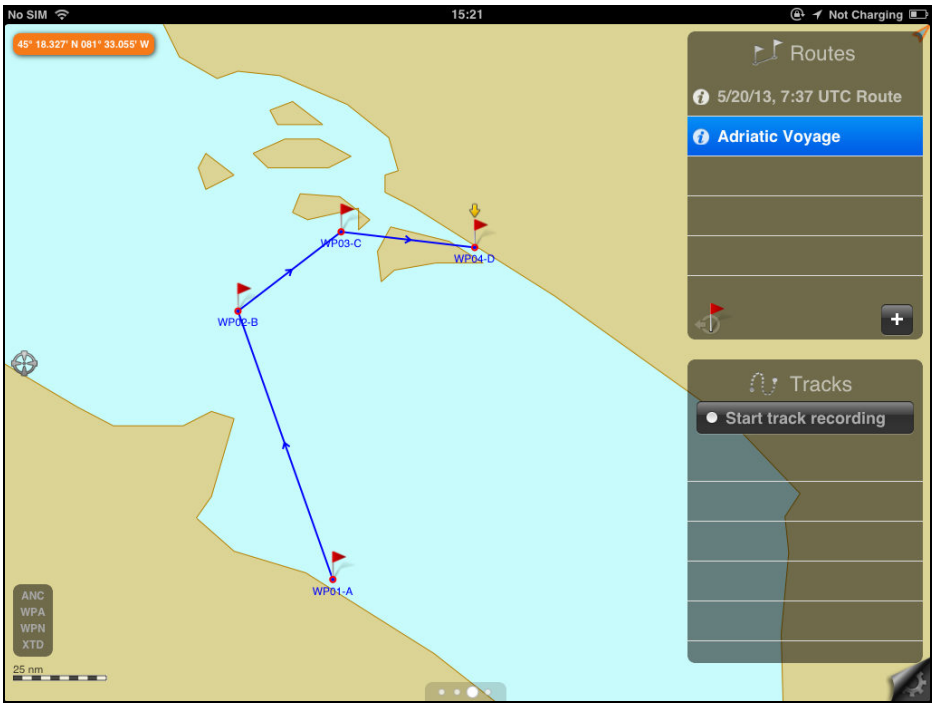
- Route with 4 WPs is detected. Tap on **"Import selected"** button again to convert selected route into **"iSailor"** format.



Conversion status set as "Imported". Selected Route is converted into "iSailor" app.

- Check imported Route in the **"iSailor"** app:



"Track & Route" layout. Tap on imported route for checking purposes.

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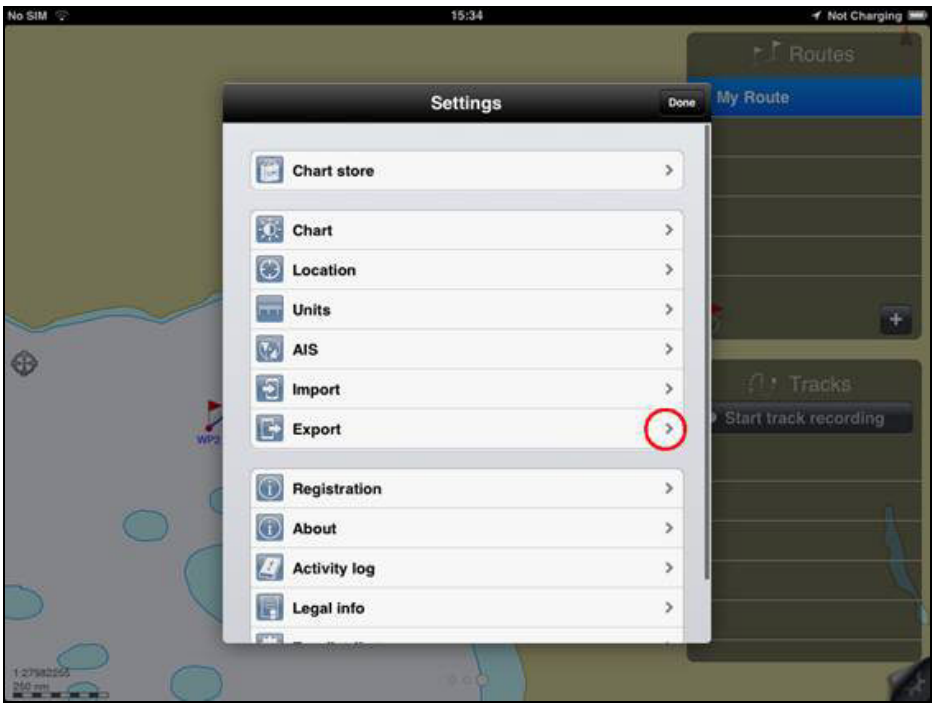
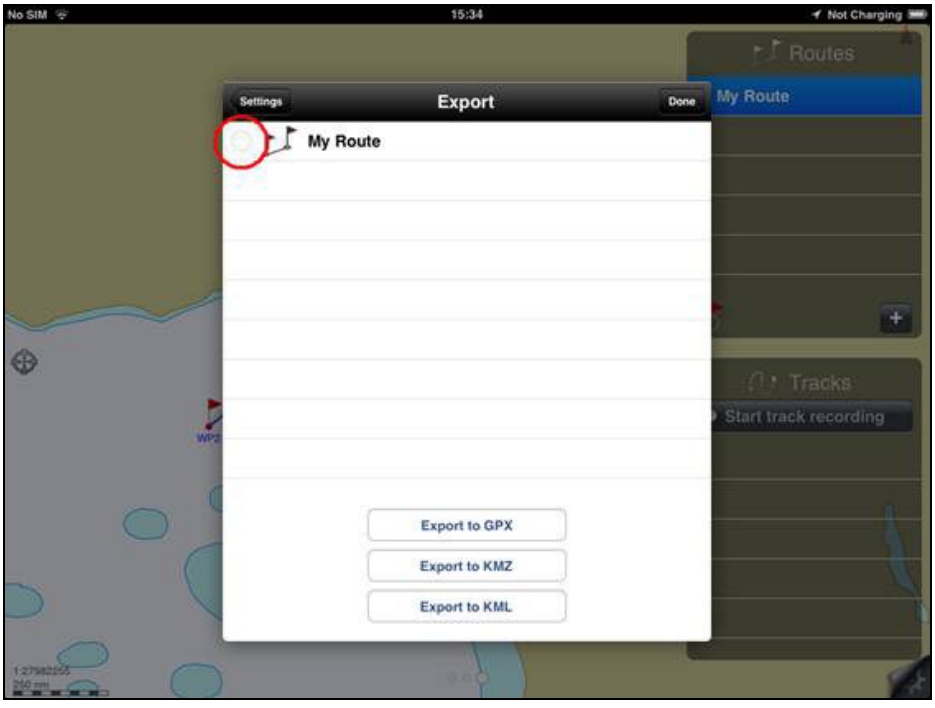
6.3 How to Export data from one device and Import it on another devices.

You can create Route or Track on one device, export it via E-mail and import on another devices. Run the iSailor app. Open **"Settings"** layout. In the **"Export"** field press (>):



"Settings" layout, "Export" line.



Select the required Route in the list.

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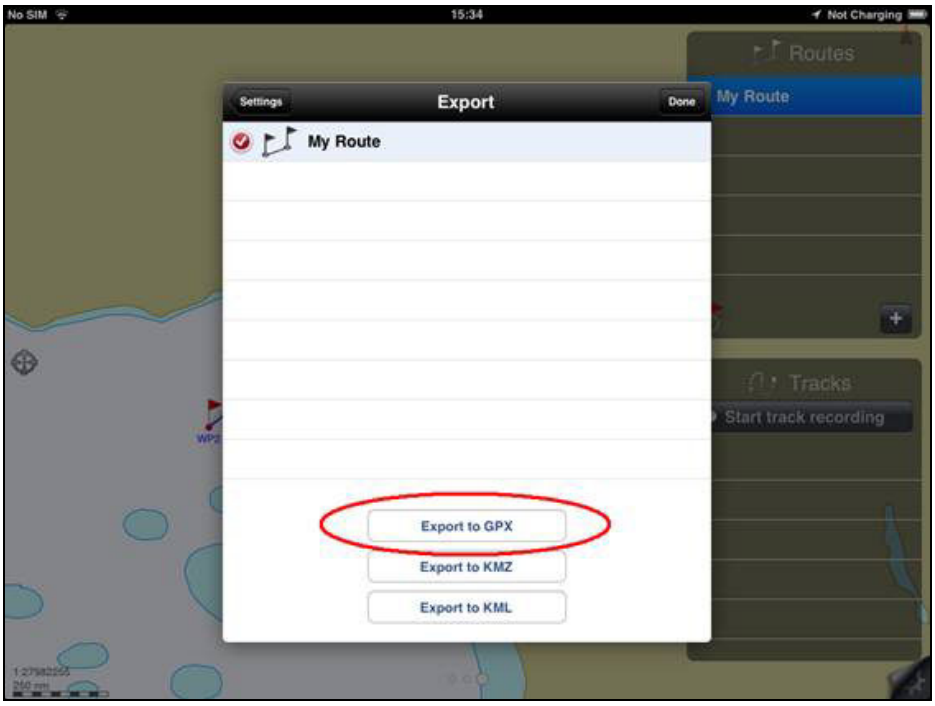
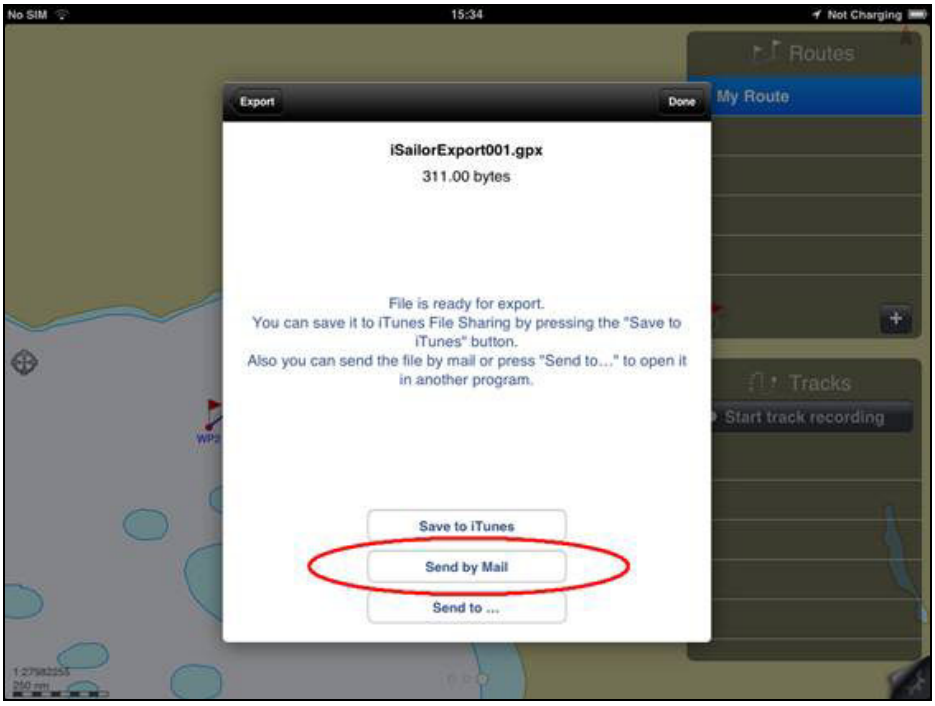


Check that required Route is selected.
Press <Export to GPX> button.



Press <Send by Mail> button.

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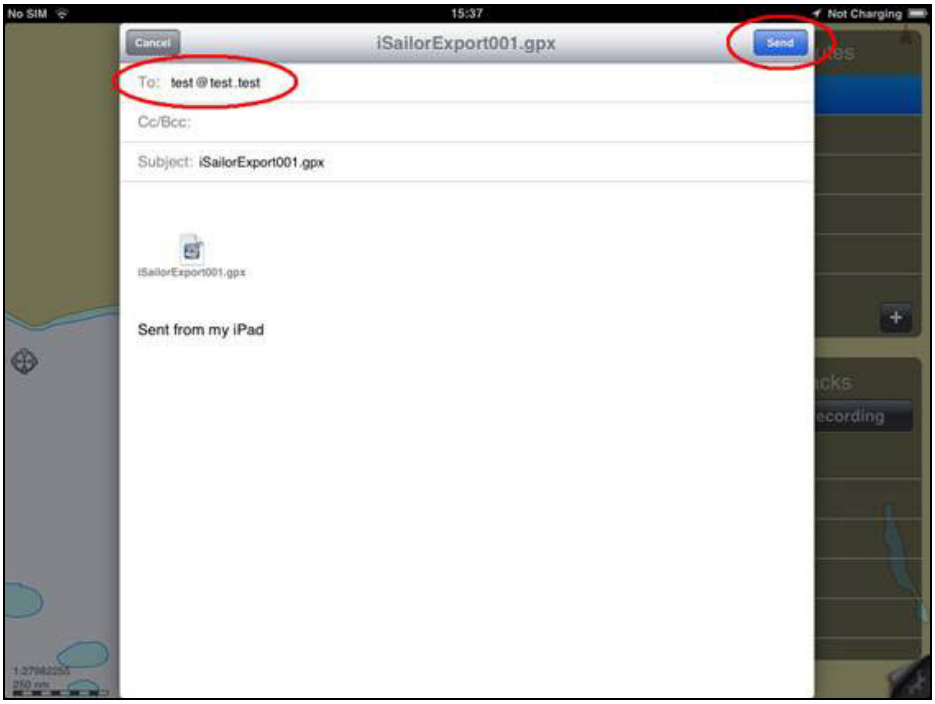
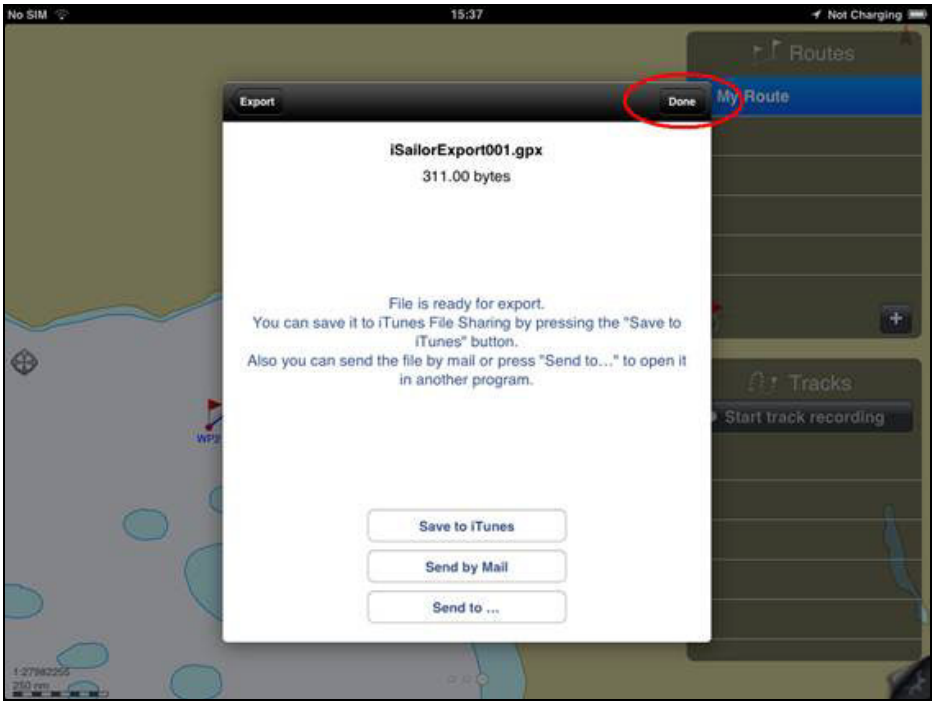


Enter your e-mail address and press <Send> button.



Press <Done> button to close “Export’ window.

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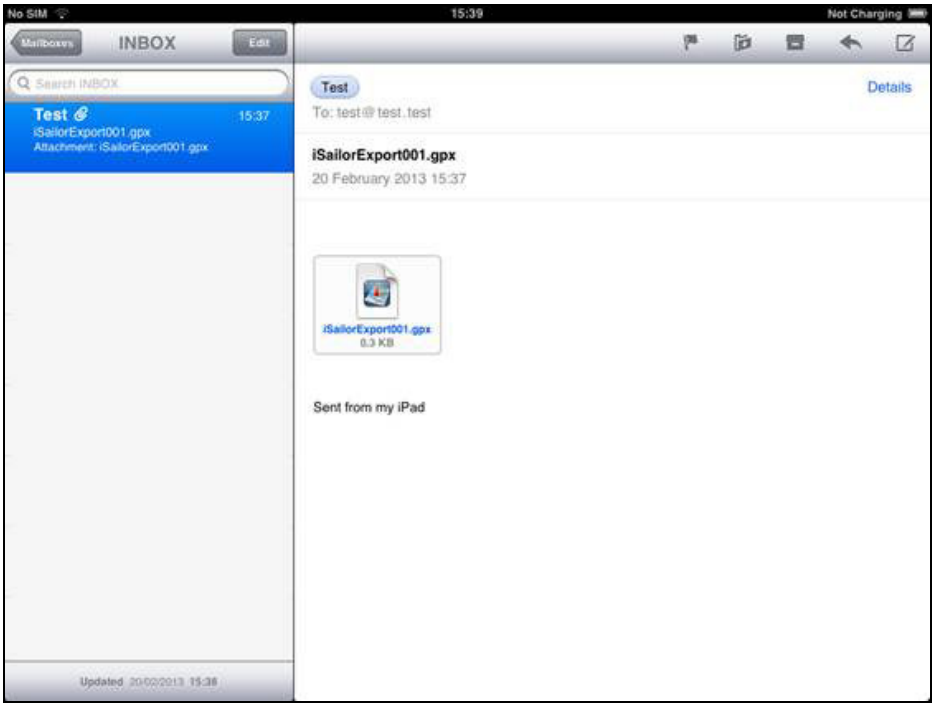
On another device please run E-mail service.



Open new message with an attached file *.GPX.

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Tap attachment and select "Open in iSailor" option.

The iSailor app will be automatically started.
Select file.

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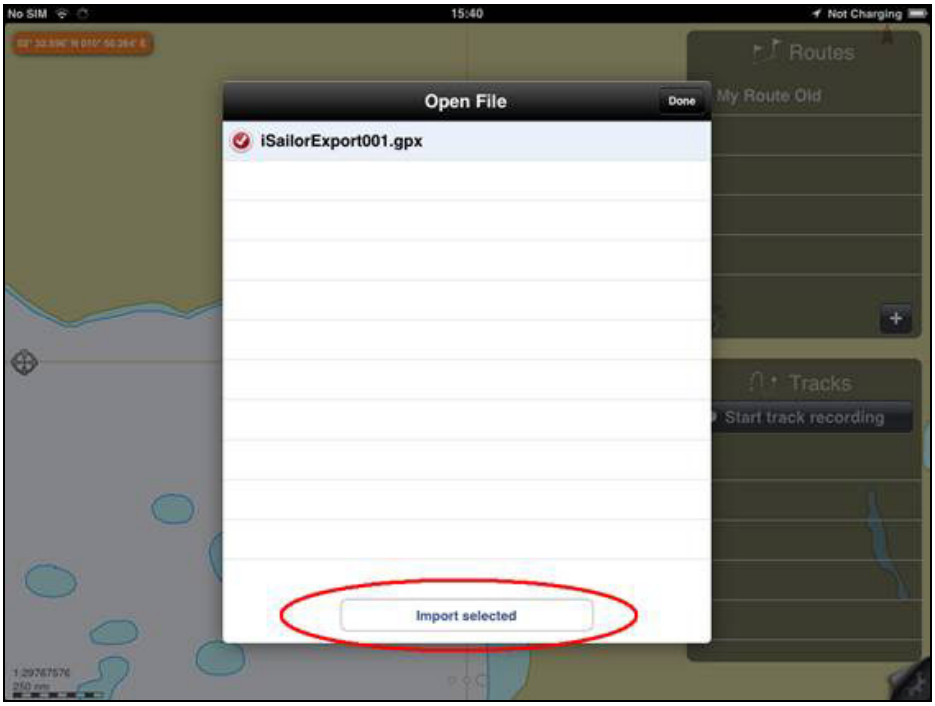
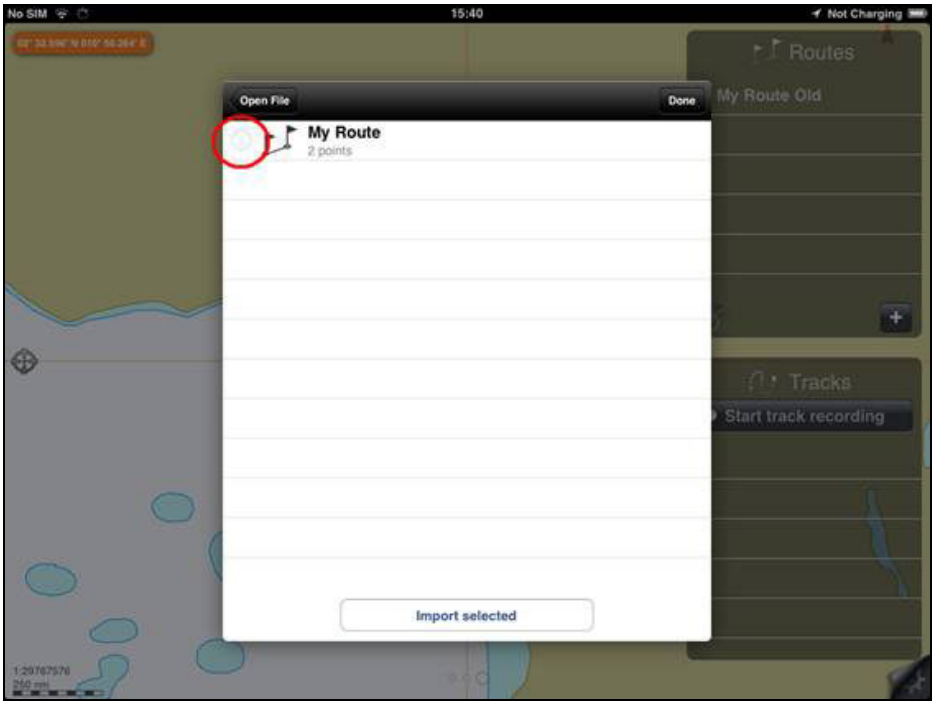


Check that file is selected.
Press <Import selected> button.



The iSailor app will automatically recognize and identify the content of the file.

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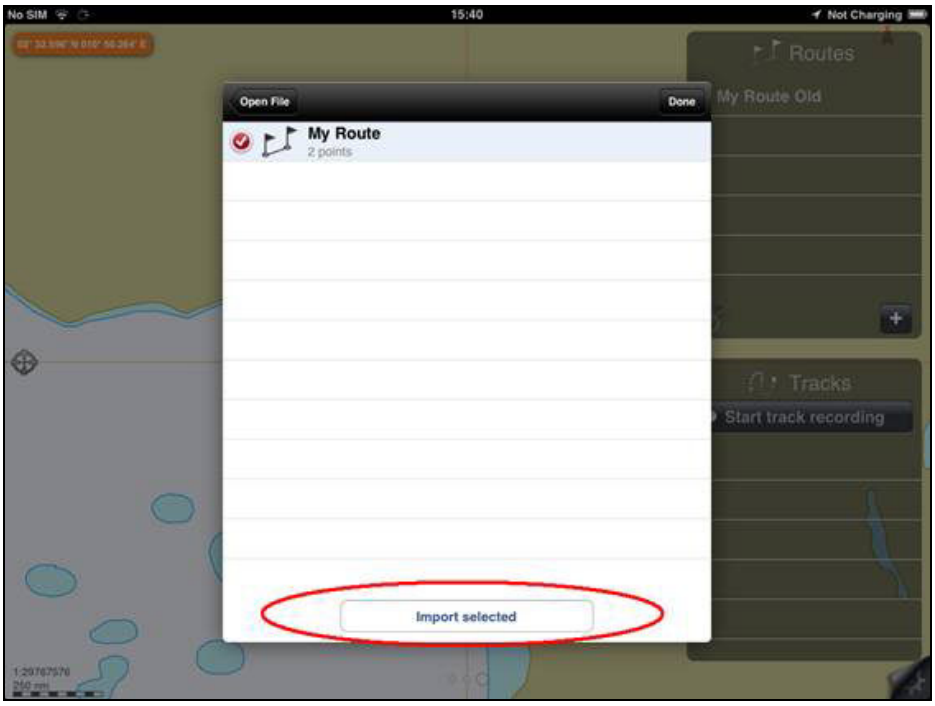
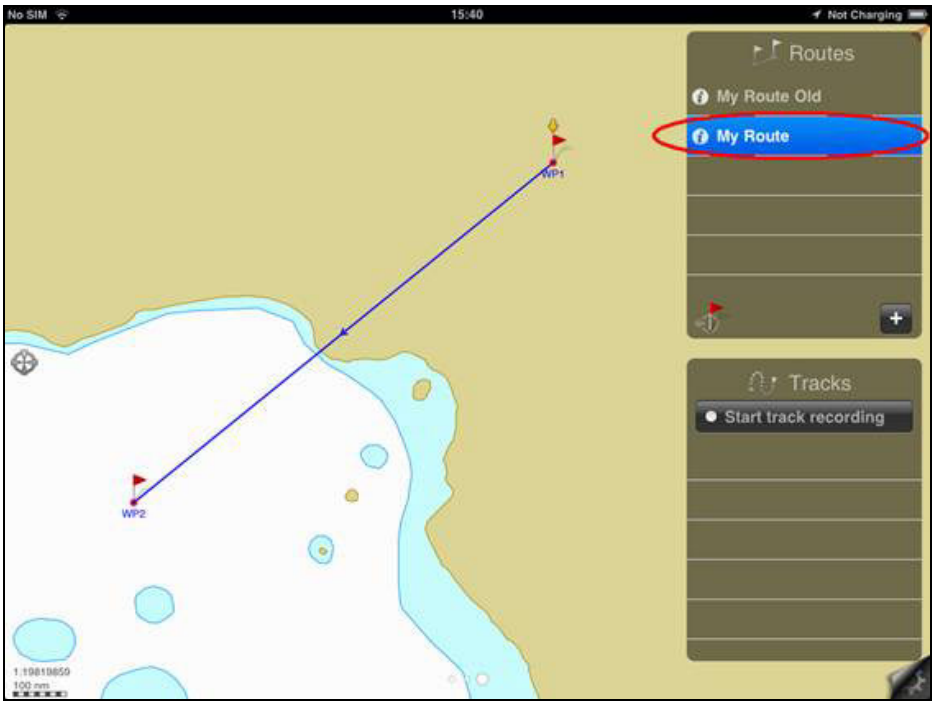


Check that data is selected.
Press <Import selected> button.



Check Route in the "Routes" list.

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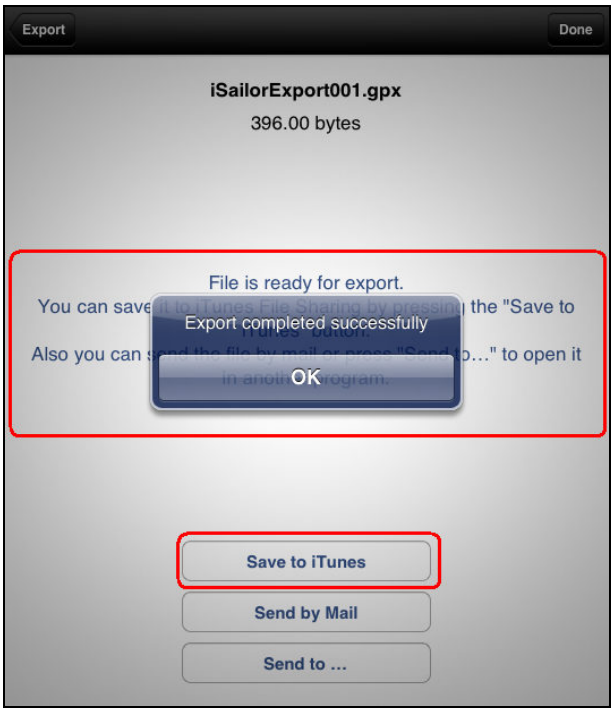
6.4 How to Export data via “iTunes” application and Personal computer.

Procedure is a quite similar, as described for the “Import” via “ITunes” application in the Chapter 6.2 **“Import Data by “iTunes” application and Personal computer”** above, exception is that Route to be created in the **“iSailor”** app at first, and after that exported to “iTunes” application on PC in the selected format ***.GPX, *.KML or *.KMZ:**

“Settings” layout. “Export” function.



Tap on “Save to iTunes” button.

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7. AIS Class B transponder or receiver

7.1 Using AIS in the Transas "iSailor" app.

The **iSailor** now supports the real-time display of AIS targets (Class A and Class B) on the Transas charts from the own ship AIS transponder (or receiver).
To enable AIS option, it is necessary to make an In-App Purchase from the Apple Store, but once it is done, you will be able **to receive AIS targets data from any Wi-Fi** enabled AIS transponder or receiver. The data connection can be via TCP (single device) or UDP (multiple devices), and its passes the standard VDM 1, 2, 3, 5, 18, 19, 24a and 24b sentences, so that all Class A and Class B AIS targets are displayed on the chart.

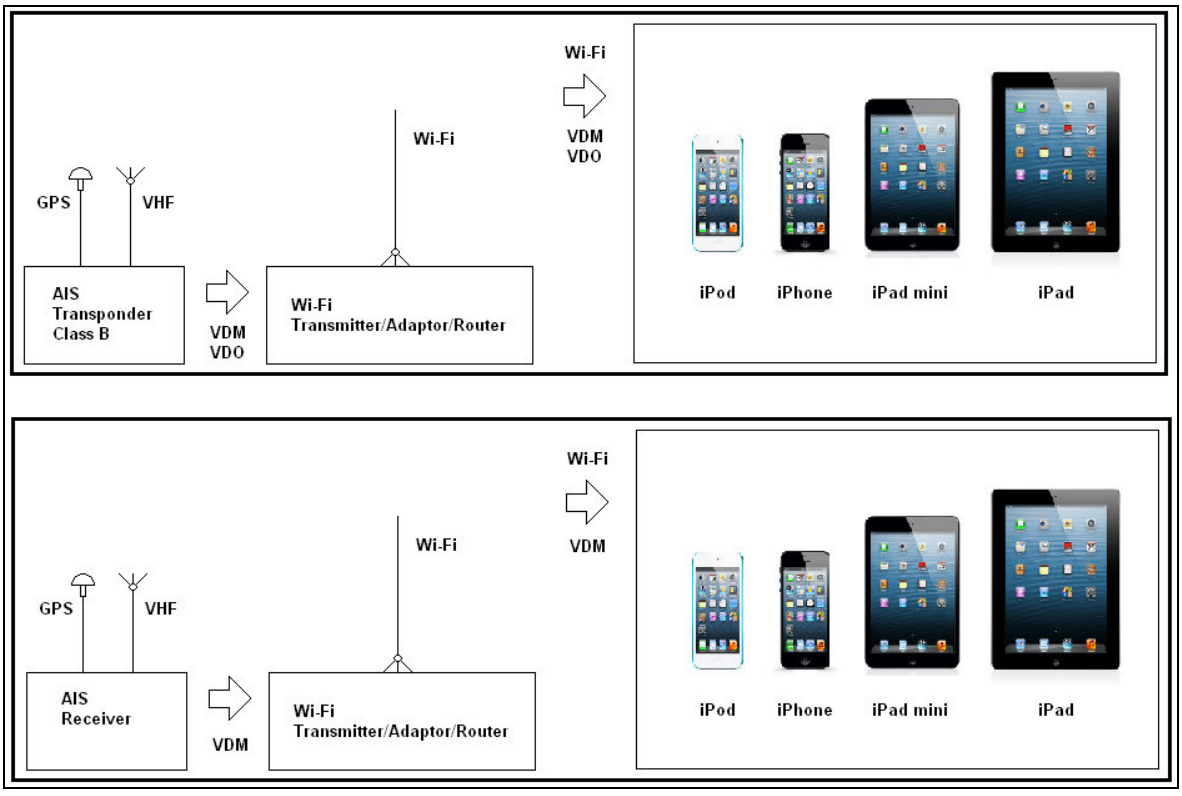
In addition, AIS-GPS data on your own boat position, course and speed can be received over the same Wi-Fi connection from AIS, providing a more accurate and reliable boat position than you get from the iPad/iPhone's internal GPS. This also has the benefit of allowing non-3G iPads that do not have an internal GPS to be used for navigation, or even a low cost iPod Touch.

NOTE: Currently only VDO output sentences 18, 19 (*from AIS Class B transponders or receivers*) can be used for the own boat positioning, but in the future other standard NMEA GPS messages (*like RMC, GLL, VTG, GGA*) will be also supported via Wi-Fi connection and external GPS receiver!

To get AIS data in the **iSailor** you just need two things:

1) AIS transmitter or receiver
2) Wi-Fi transmitter

In some cases both elements can be available in one device.



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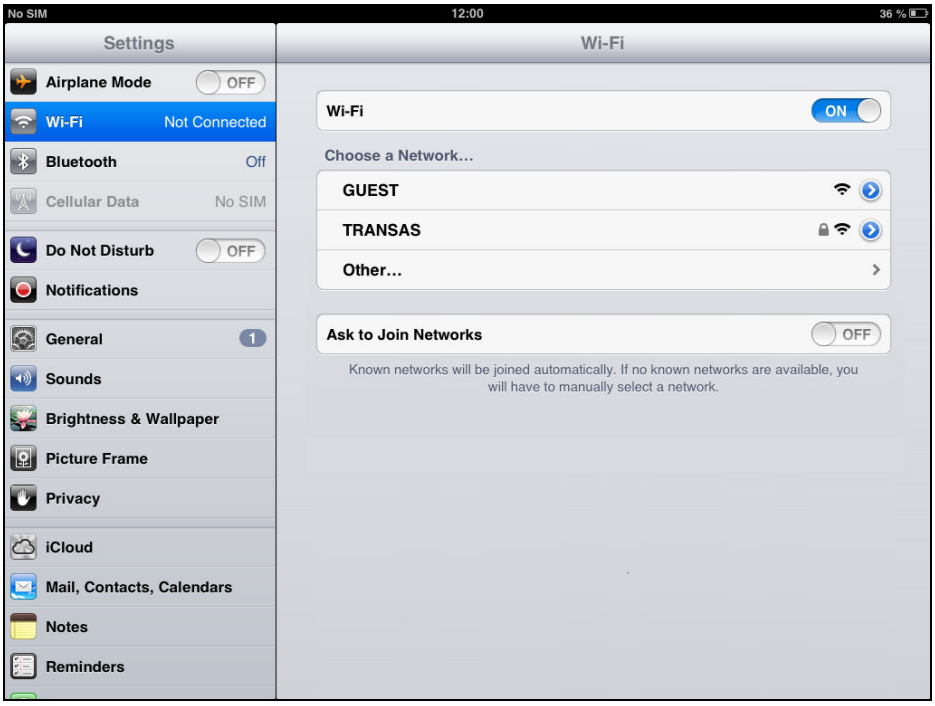
In what follows you can find the following information:

- How to connect Apple device to Wi-Fi transmitter;
- How to connect or disconnect **iSailor** to/from Wi-Fi transmitter;
- How to look up information on AIS objects (targets);
- How to look up Own Ship Data from AIS;
- Default settings for Digital Yacht or similar devices.

Switch **ON** device:

Switch ON device.



Run "Settings", select a Wi-Fi group and switch the Wi-Fi option "ON".

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Connect the AIS equipment to the Wi-Fi transmitter and apply power to both devices.

Select a corresponding Wi-Fi AIS transmitter from the list (*tap on “>” button*).

Set the “Auto-Join” option to ON.

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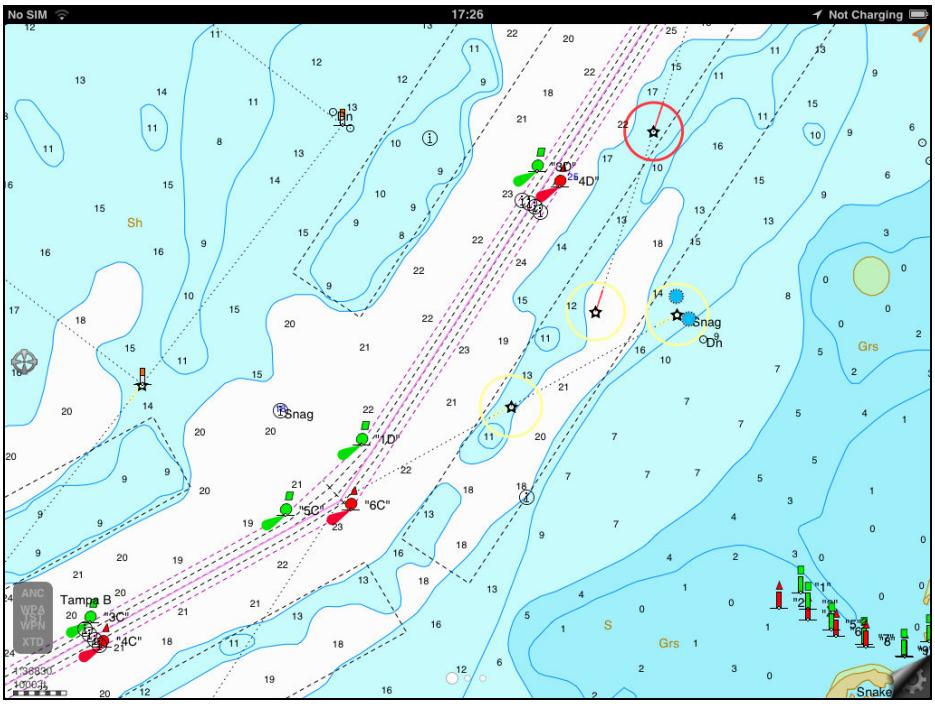
Run the iSailor app.



Go to “Settings” layout.

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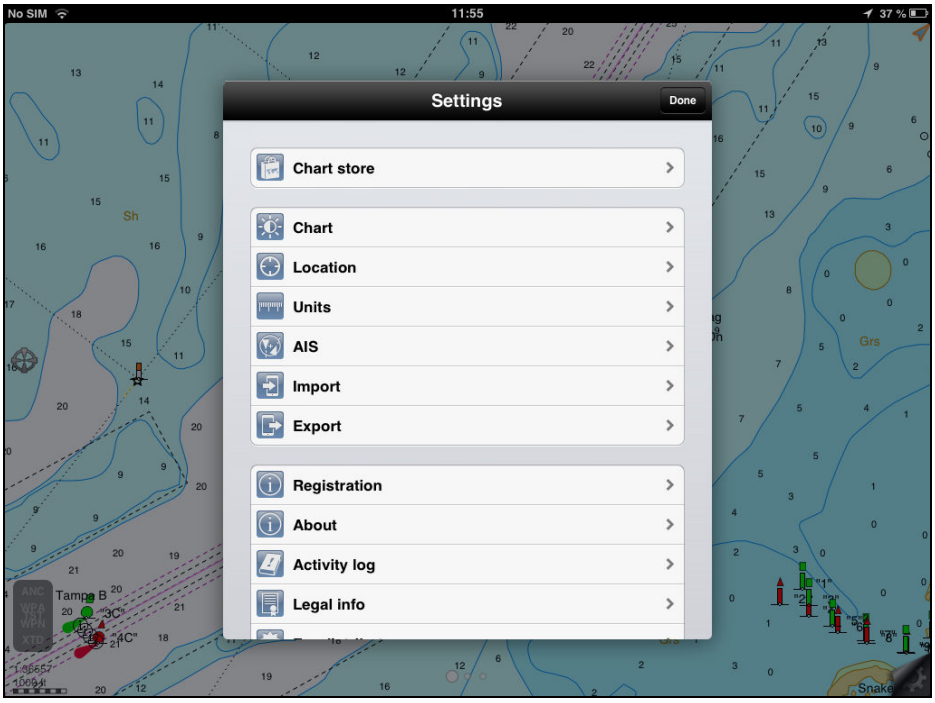
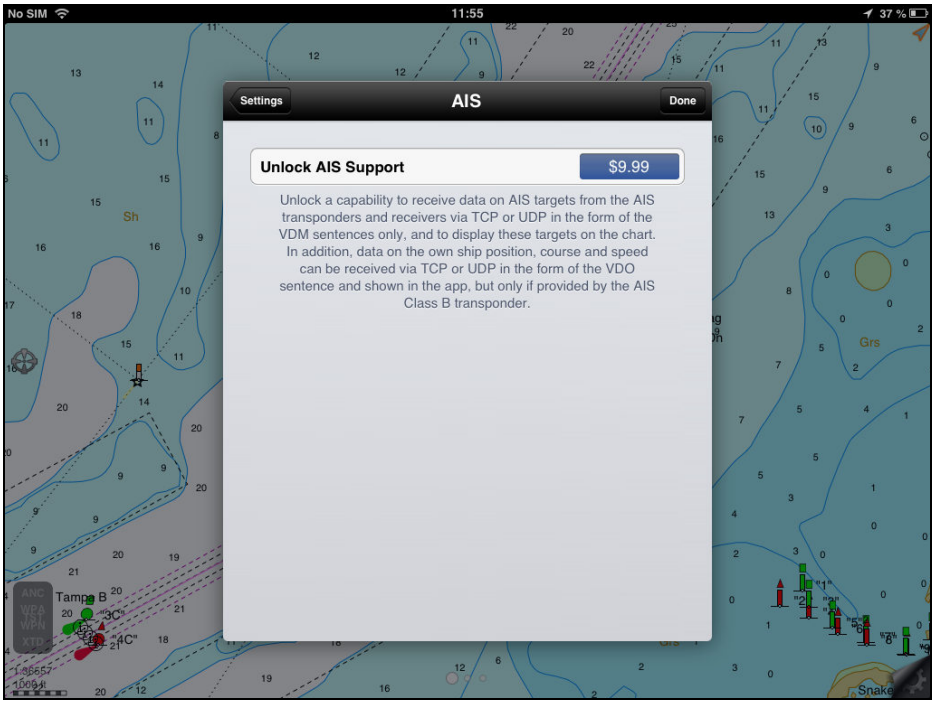


Select the "AIS" item from the list.


No SIM
11:55
37 %
Settings
AIS
Done
Unlock AIS Support
$9.99
Unlock a capability to receive data on AIS targets from the AIS transponders and receivers via TCP or UDP in the form of the VDM sentences only, and to display these targets on the chart. In addition, data on the own ship position, course and speed can be received via TCP or UDP in the form of the VDO sentence and shown in the app, but only if provided by the AIS Class B transponder.

Tap on the "Price" button.

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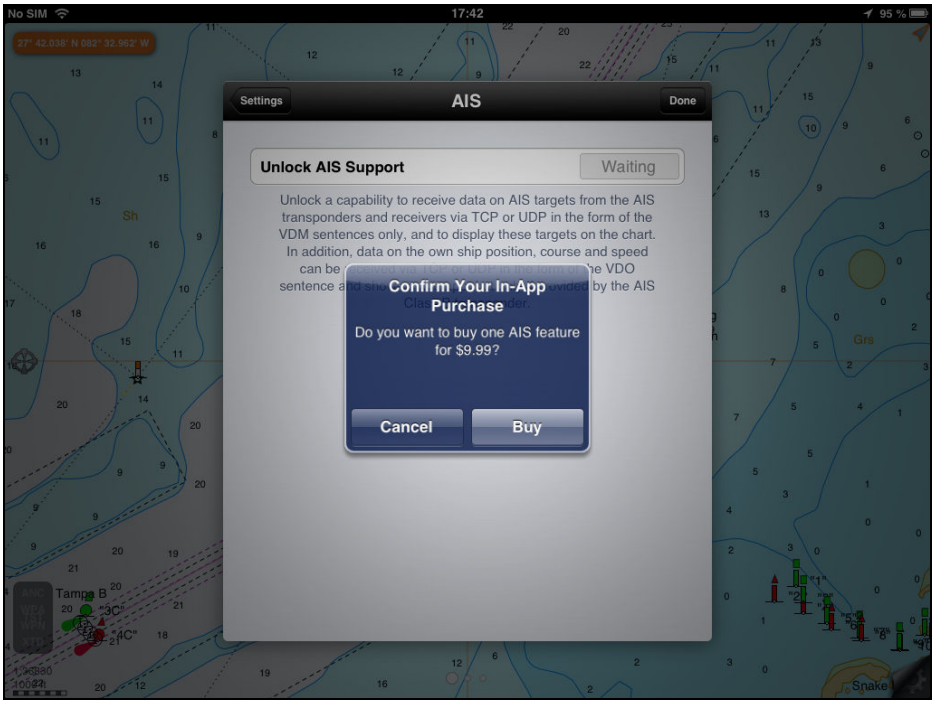
No SIM
17:42
95 %
Settings
AIS
Done
Unlock AIS Support
Buy now
Unlock a capability to receive data on AIS targets from the AIS transponders and receivers via TCP or UDP in the form of the VDM sentences only, and to display these targets on the chart. In addition, data on the own ship position, course and speed can be received via TCP or UDP in the form of the VDO sentence and shown in the app, but only if provided by the AIS Class B transponder.

Confirm your choice, press the “Buy now” button.



Confirm your purchase and press the “Buy” button.

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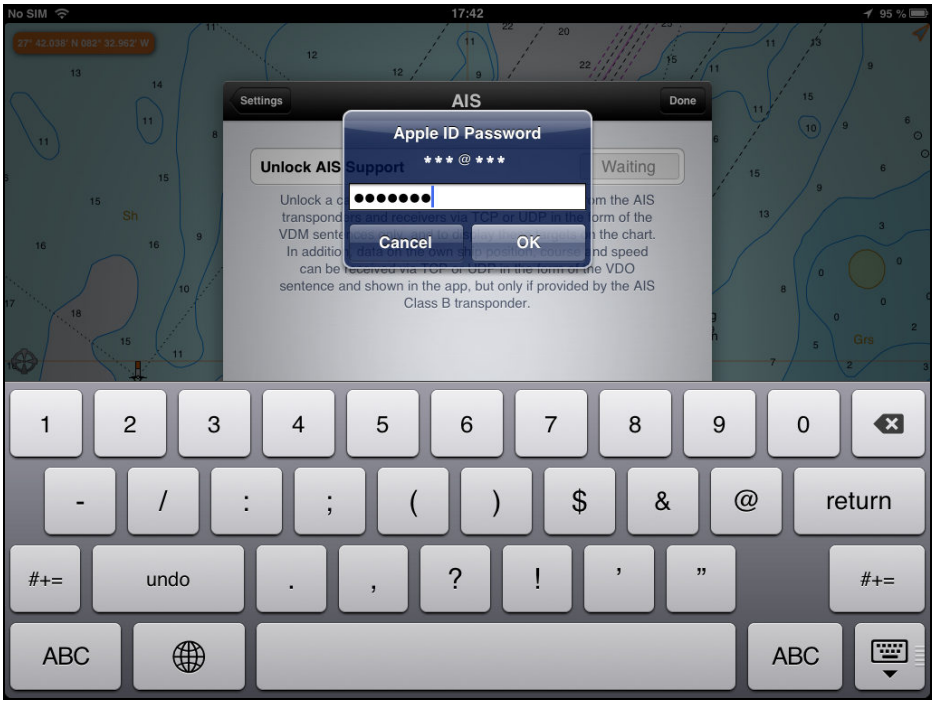
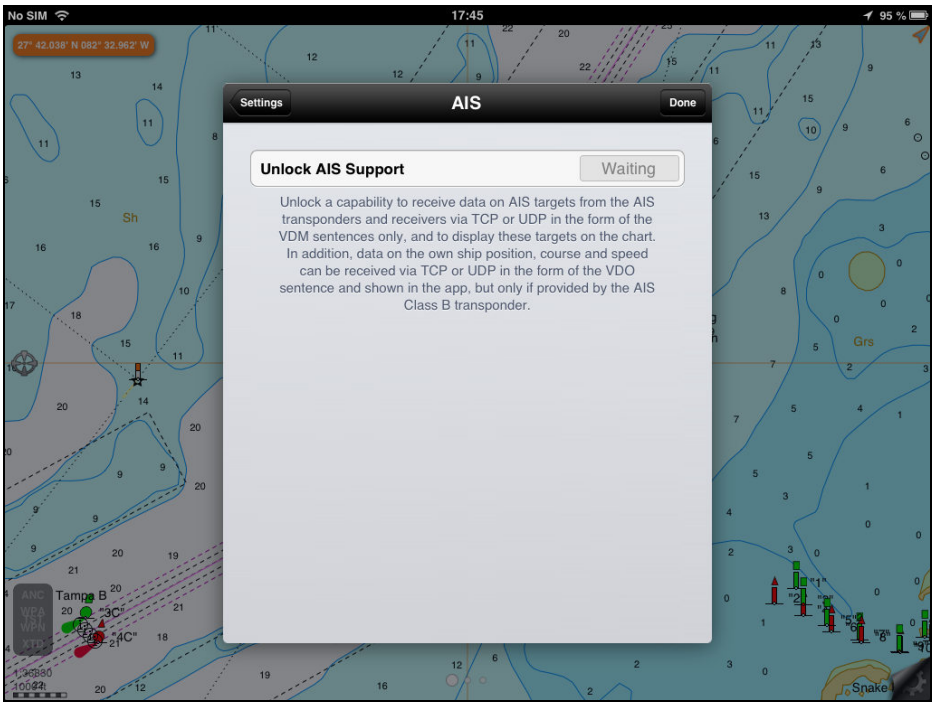


Check the Apple ID, enter your correct password and press the "OK" button.


No SIM
17:45
95 %
Settings
AIS
Done
Unlock AIS Support
Waiting
Unlock a capability to receive data on AIS targets from the AIS transponders and receivers via TCP or UDP in the form of the VDM sentences only, and to display these targets on the chart. In addition, data on the own ship position, course and speed can be received via TCP or UDP in the form of the VDO sentence and shown in the app, but only if provided by the AIS Class B transponder.

Wait until "AIS" option is registered on Apple Store

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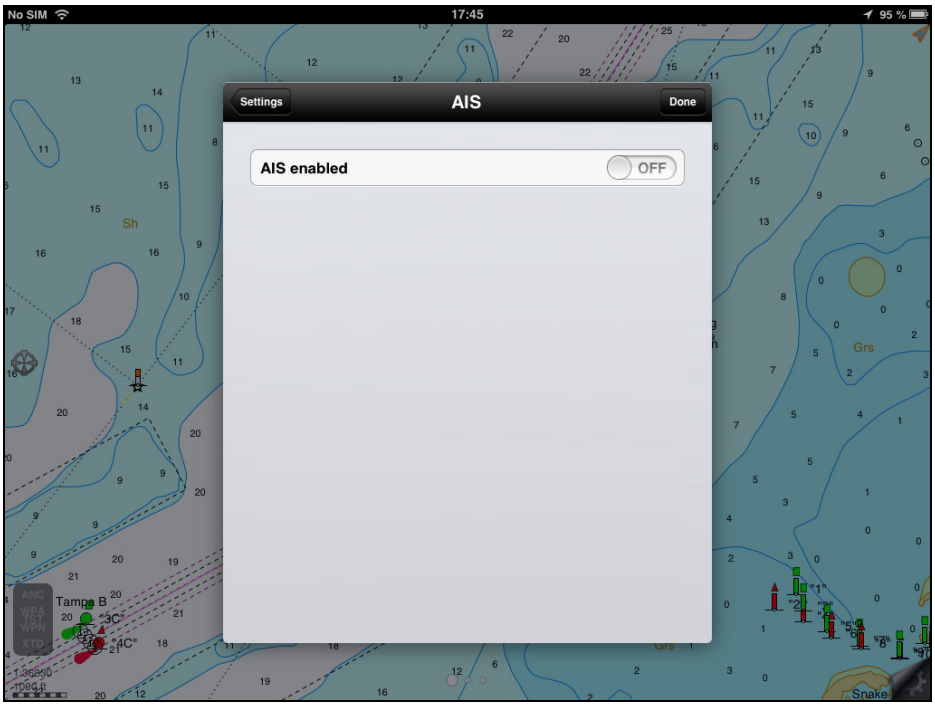
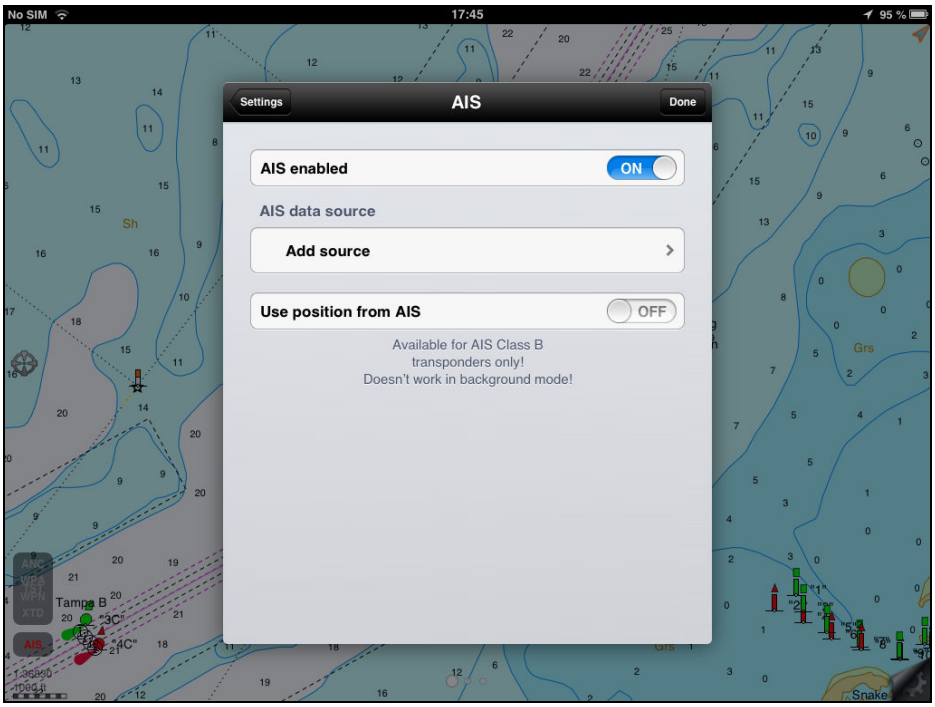


Once the AIS option is unlocked, switch on "AIS enabled".



Select the "Add source" item.

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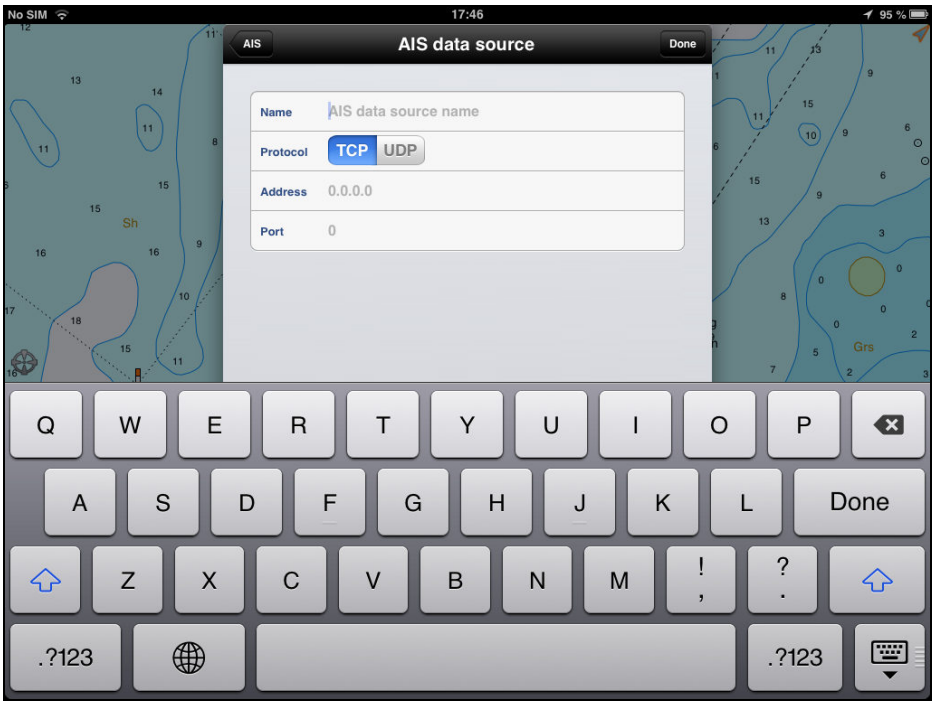
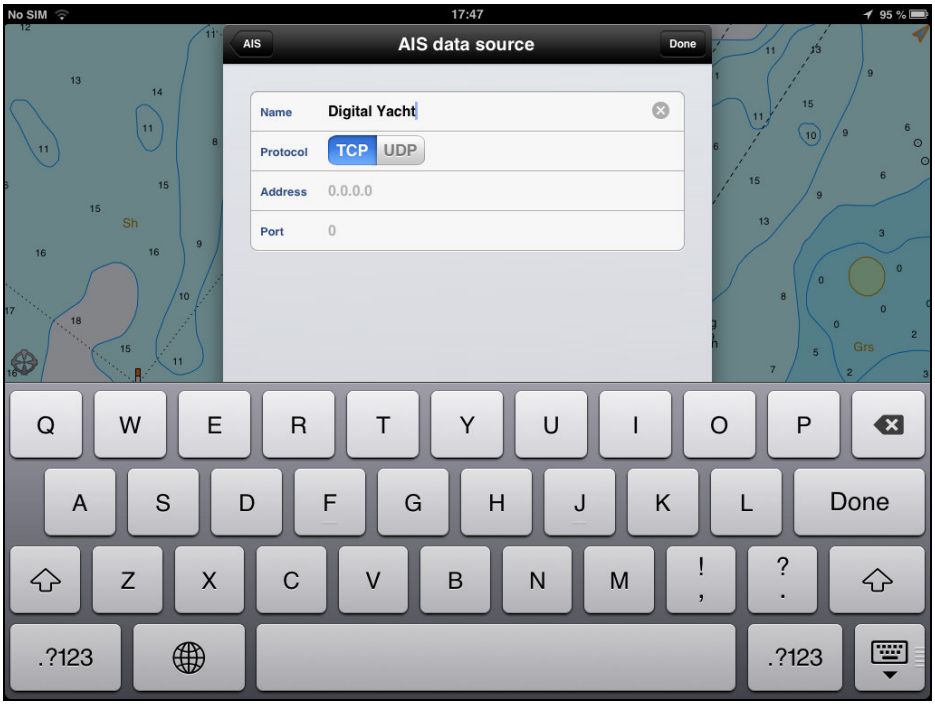


Select the protocol type, Address and Port.



Enter the "Name" of the AIS Data Source (any)
Check entered data and press the "AIS" button.

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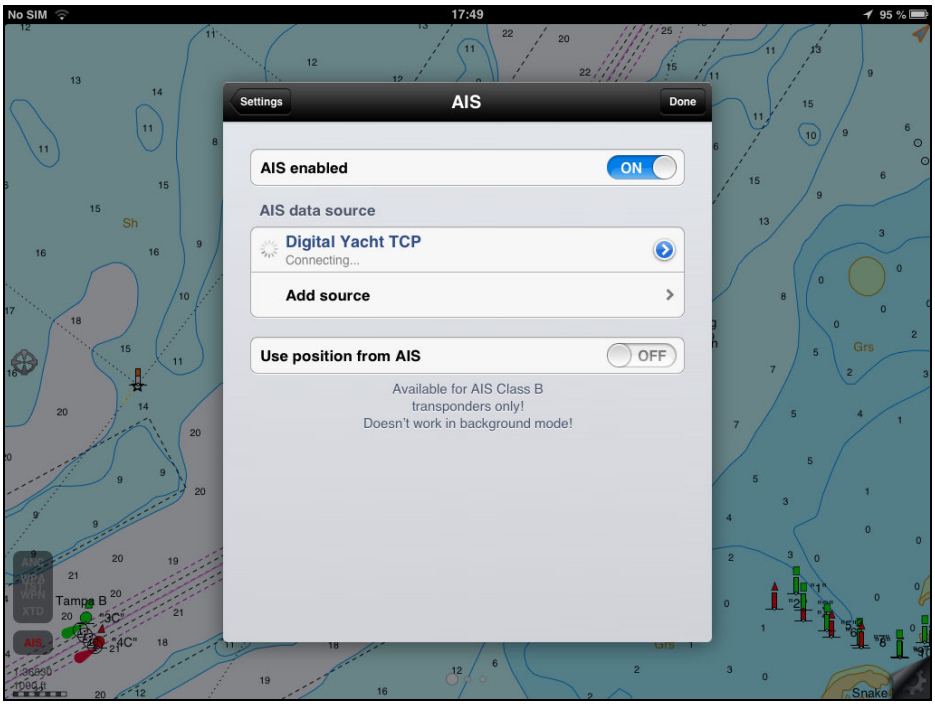

Wait for the connection to be made.

As soon as a tick appears the data link is ready.

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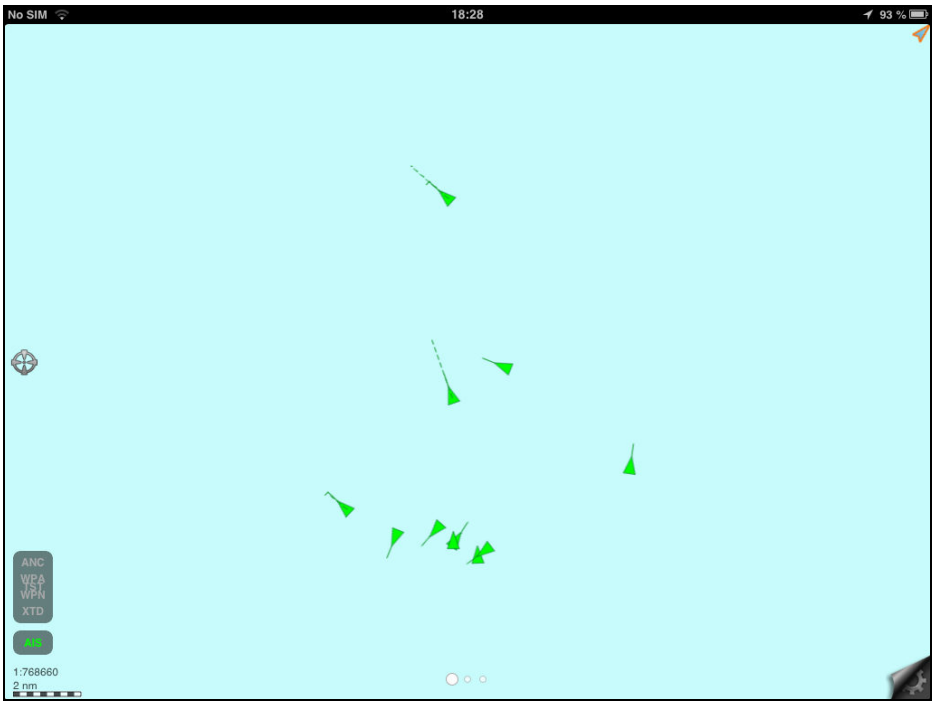
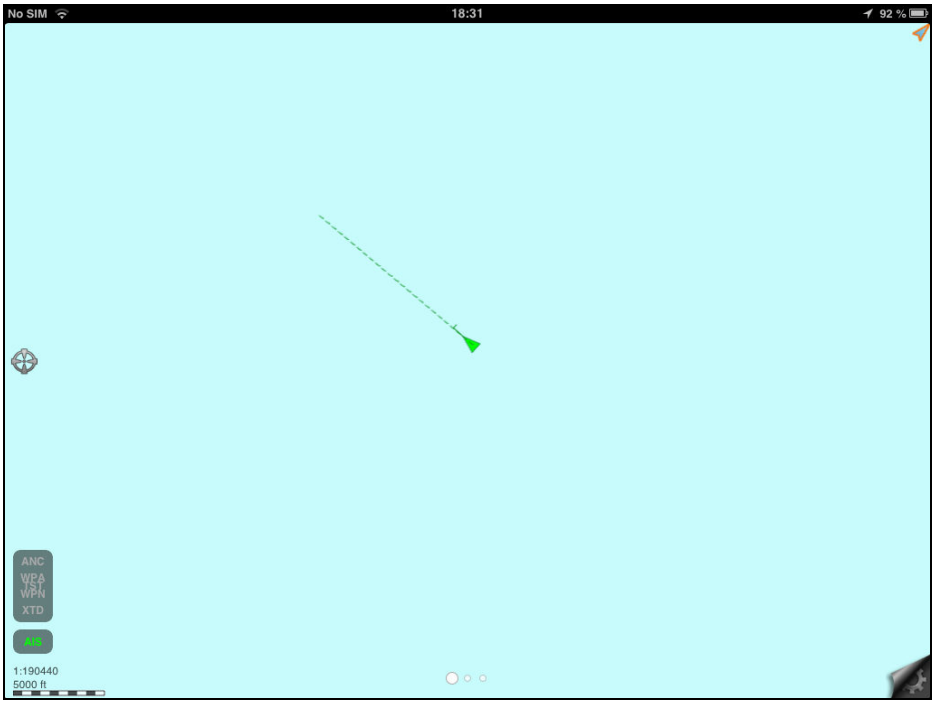


Check that the AIS data is now available on the chart.



Switch the "Information cursor/Locator tool" ON (use a long tap) and then select an AIS target.

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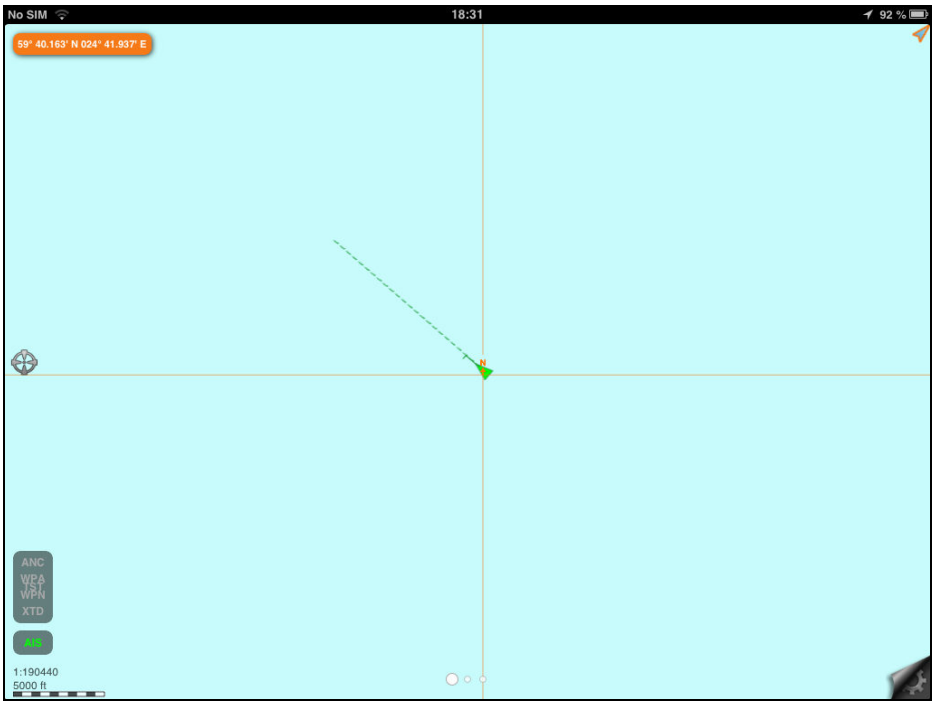
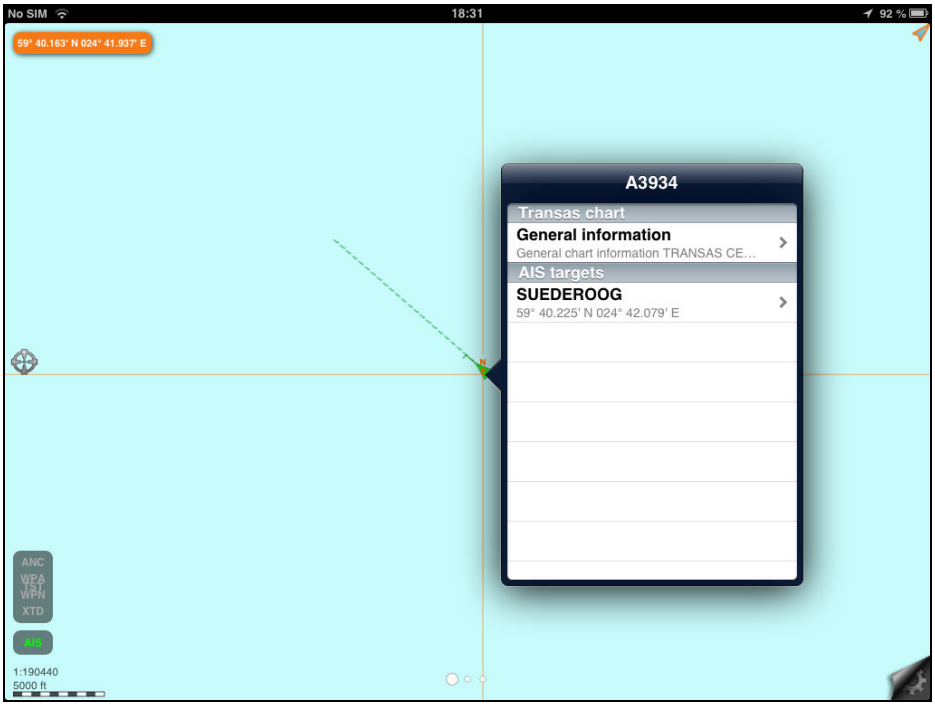


Tap on the cursor.



AIS target formular is appeared on the screen.

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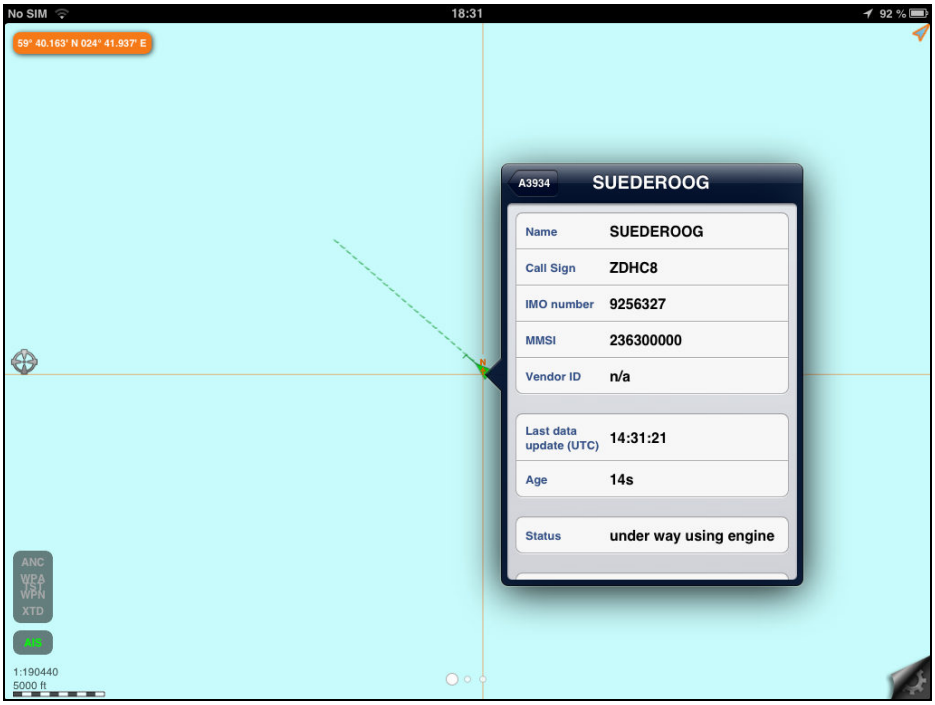

Scroll through all of the data on the AIS target.

Lost AIS targets are shown with the "red cross" symbol on top.

It means that AIS target information was not updated in the defined time period, given in the below mentioned table. After the corresponding timeout the "**Lost AIS target**" symbol will be dropped from the chart.

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"Lost" and "Drop" timeouts for AIS Class A and Class B targets

Type	Status	Lost target timeout from latest received VDM message	Drop target timeout from latest received VDM message
Slow speed	Target speed is less than 3kn	380 sec	410 sec
Middle speed	Target speed is in range of 3-23 kn	40 sec	70 sec
High speed	Target Speed is more than 23 kn	30 sec	60 sec

To delete a source go to the AIS settings and select the source to be deleted, if necessary:

Select adjusted AIS source.

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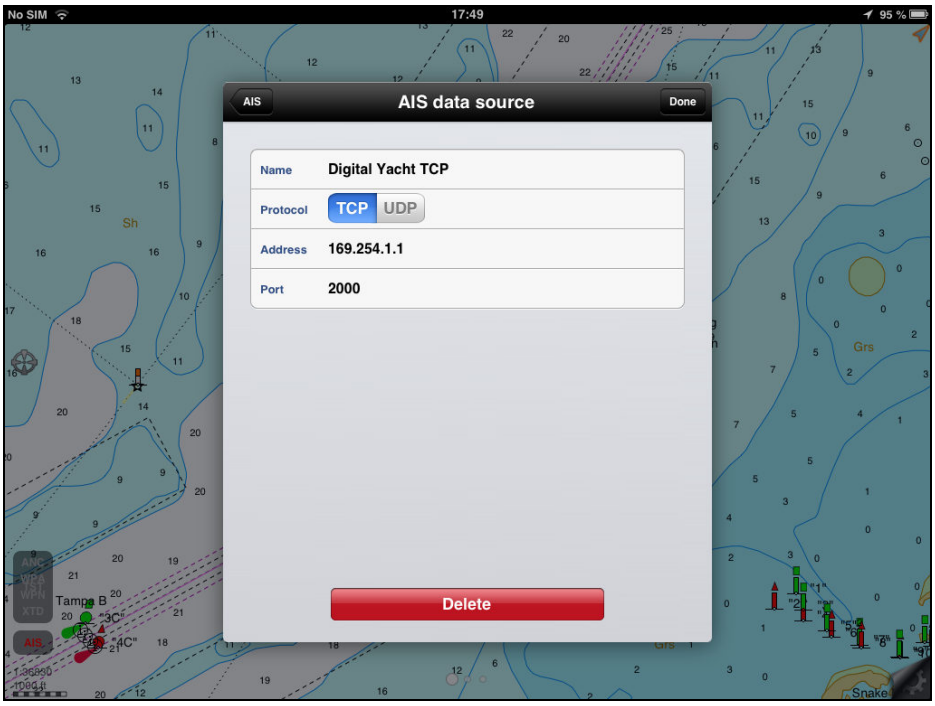

Press the “Delete” button.

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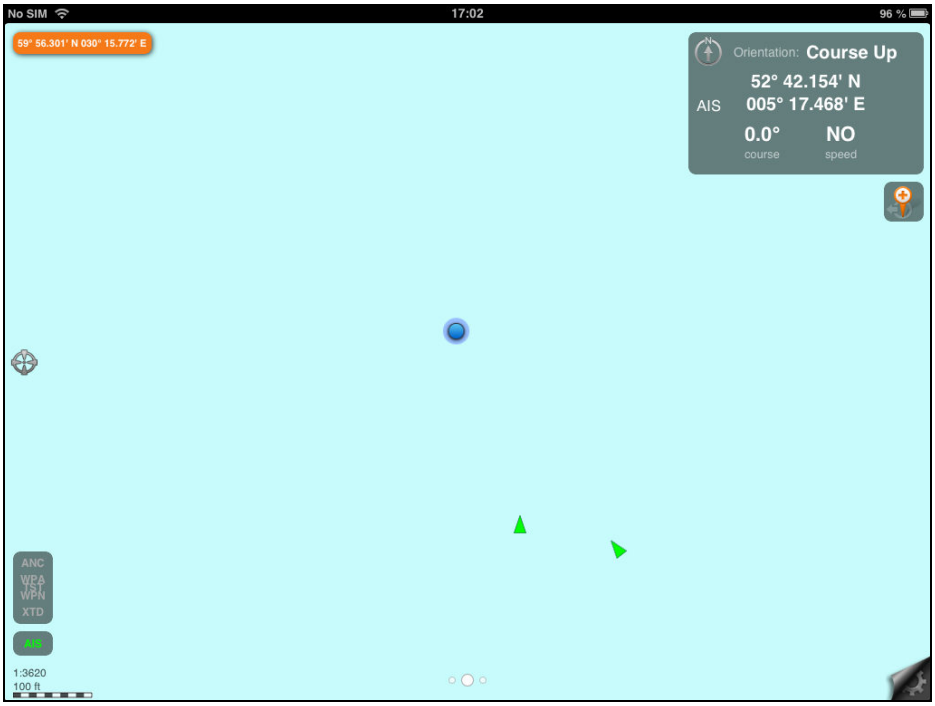
7.2 Own Ship Data from AIS Class B

If you have an **AIS class B** transponder, you can use its GPS to provide the boat position, speed and course over the ground in the **iSailor** app.

Please note that the boat position data can only be received via the TCP or UDP from the VDO sentences (VDO#: 18, 19, 24a/24b).

Set the "Use position from AIS" option to ON.



You will then see the data from the AIS on the Monitoring window.

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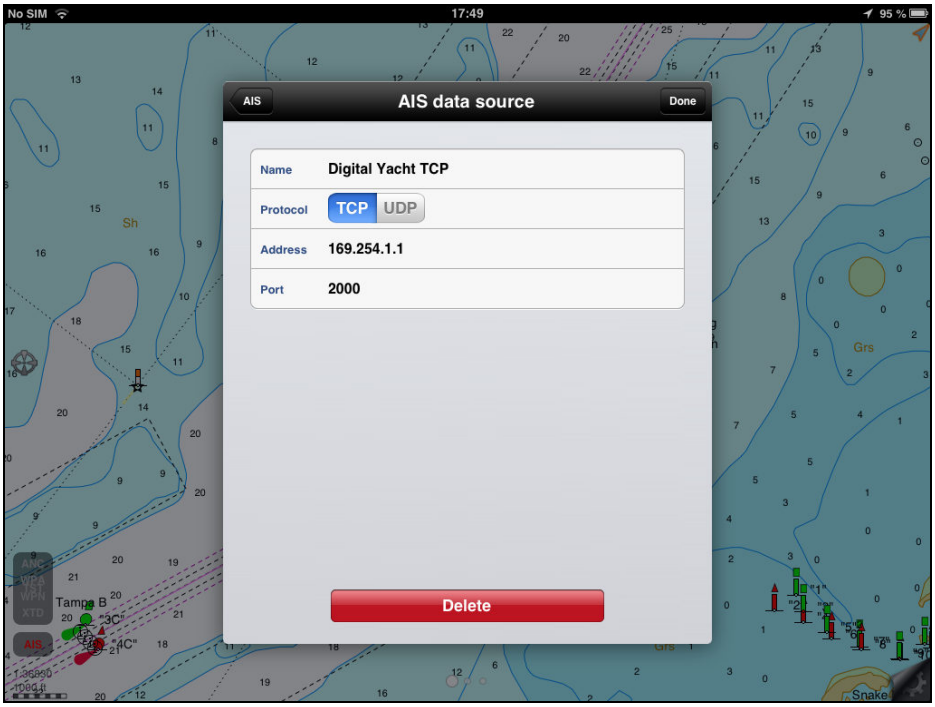
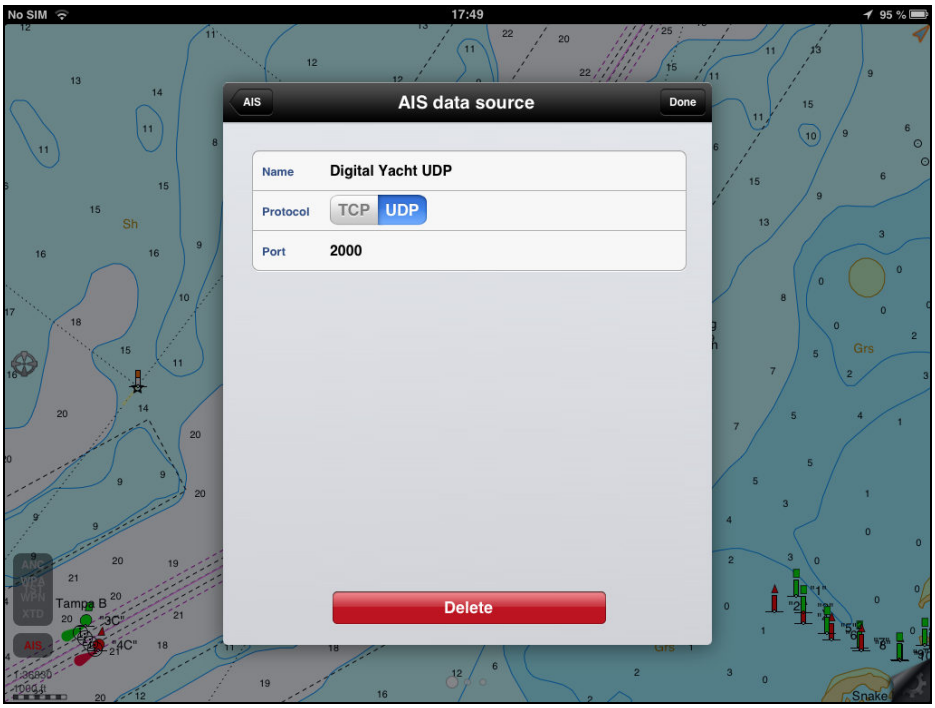
7.3 Default settings for Digital Yacht or similar devices



Default "TCP" settings.



Default "UDP" settings.

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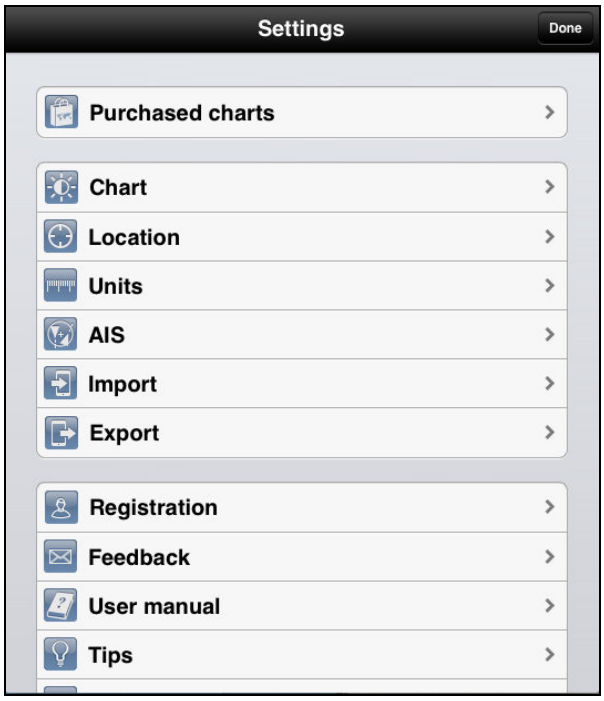
8. Annex I – "Settings" layout and user settings

Settings menu is needed to adjust user settings, purchase and adjust AIS option, restore charts and for other functions. This chapter contains information for user settings and links to other chapters of that document, where some functions already described in details:



"Settings" layout.

Settings layout consists of following menu items:

- **"Purchased charts"**
- **"Chart"**
- **"Location"**
- **"Units"**
- **"AIS"**
- **"Import"**
- **"Export"**
- **"Registration"**
- **"Feedback"**
- **"User manual"**
- **"Tips"**
- **"About"**
- **"Legal info"**
- **"For distributors"**

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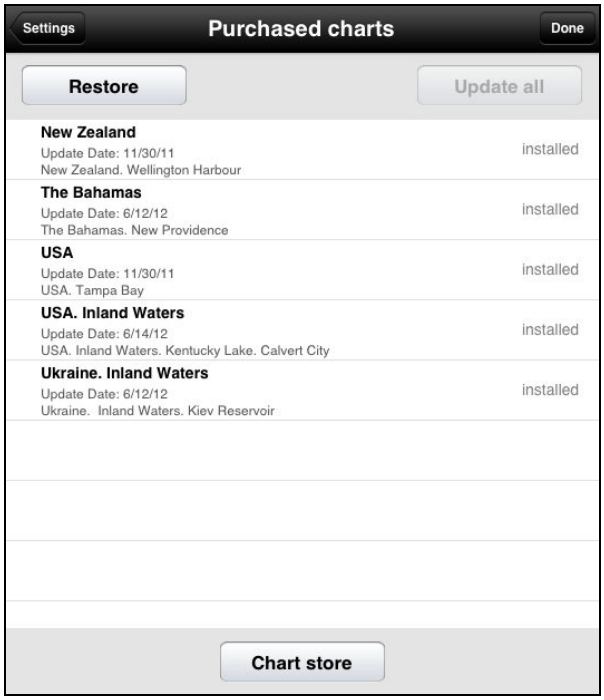
8.1 "Purchased Charts" menu item.



Menu "Purchased charts".

The **"Purchased Charts"** menu item is only needed for following actions:

- Restore previously purchased charts on the new user device (*or when "iSailor" app was totally removed from the same device*). This procedure is clearly described in the **Chapter 9.1 "How to restore all previously purchased charts for the Transas iSailor app".**

- To see installed and purchased charts in the list, as **"Chart store"** and purchasing procedure are described in the **Chapter 3 "How to purchase charts for the Transas iSailor app"** above.

- Use the **"Chart store"** button to switch over into **"Chart store"** layout.

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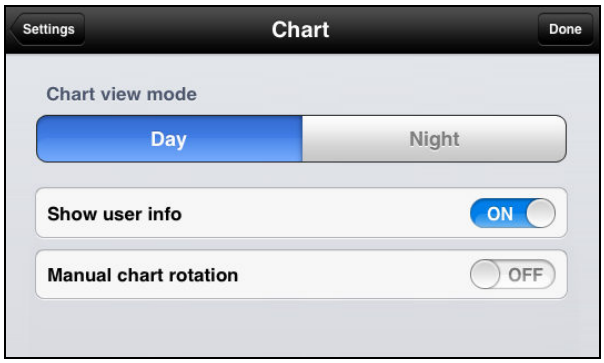
8.2 "Chart" menu item.



Menu "Chart".

The **"Chart"** menu item is needed for following actions:

- **"Day" / "Night"** buttons – Select **Daylight** or **Night** palette (be noted that "Settings" layout will be presented in Daylight mode for both palettes at the moment.
- **"Show user info"** button – Switch **ON / OFF** the presentation of the plotted "User Objects" on charts.
- **"Manual chart rotation** button – Switch **ON / OFF** the possibility to rotate charts manually (by fingers). Please, be noted that charts will be oriented back to the user defined location (see "Location" menu item below) after a timeout, if chart rotation was performed on the screen with the own ship position!

8.3 "Location" menu item.

Menu "Location".

The **"Location"** menu item is needed for following actions:

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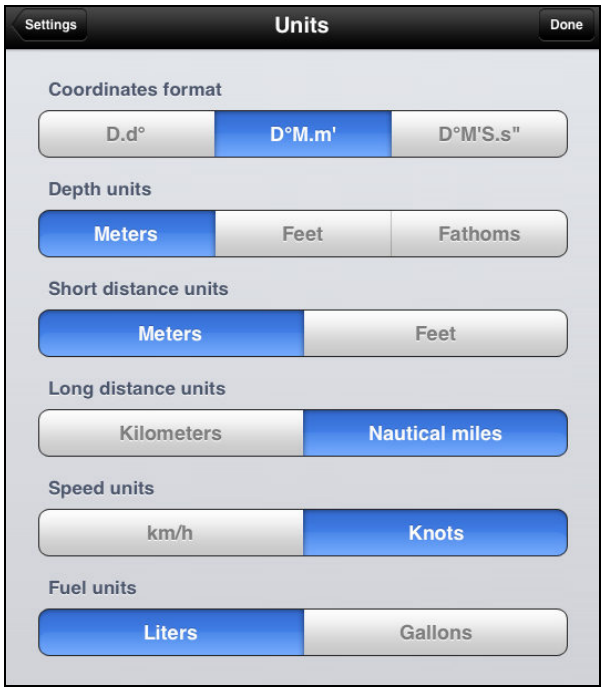
- **"North Up" / "Course Up" / "Head Up"** buttons – Select the Chart orientation during sailing mode: **North Up, Course-Up** (*by Course-Over-Ground data from internal or external GPS*) or **Head-Up** (**at the moment only internal Apple fluxgate compass is supported in Head Up mode**);

- **"Alarm monitoring"** button – Enable / Disable the Alarm monitoring function. Please, be noted that **Alarm settings panel** will be available or disappeared on the chart panel accordingly:

"Alarm Settings panel".

- **"Allowed"** button – Enable / Disable the position tracking in the background mode (**Please, be noted that operation in this mode may discharge your device battery much faster!**).

8.4 "Units" menu item.



Menu "Units".

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The **"Units"** menu item is needed for multi-unit adjustments:

- **Coordinates format**: Presentation of the own ship coordinates in three possible modes:
  - **Degrees & their decimals**, **Degrees & Minutes**, **Degrees & Minutes & Seconds**.
- **Depth units**: Presentation of depths on Transas charts (applicable also for the User Object depth data):
  - **Meters**, **Feet**, **Fathoms & Feet in decimals**.
- **Short distance units**: Presentation of short distances (**up to 1 nautical mile**) in Route data screens, ERBL data window, etc.:
  - **Meters**, **Feet**.
- **Long distance units**: Presentation of long distances (**> than 1 nautical mile**) in Route data screens, ERBL data window, etc.:
  - **Kilometers**, **Nautical miles**.
- **Speed units**: Presentation of the own ship speed, target speed data, "Cruising speed calculation" in the route data window, etc.:
  - **Kilometers**, **Nautical miles**.
- **Fuel units**: Fuel units for the Fuel consumption calculation in the route data window, etc.:
  - **Liters**, **Gallons**.

8.5 "AIS" menu item.

The **"AIS"** menu item is needed for following actions:

- Purchasing of the **"AIS"** option. See **Chapter 7.1 "Using AIS in the Transas "iSailor" app"** for details;
- Adjustments for connection to the AIS Class B transponder and its usage for the own ship positioning purposes. See **Chapters 7.1, 7.2 and 7.3 for details** above.

8.6 "Import" menu item.

The **"Import"** menu item is needed for following actions:

- Import of the Routes / Tracks into **"iSailor"** application - **"Import"** functionality by E-mails or using **"iTunes"** application. See **Chapters 6.1 "Import Data by E-mail"** and **6.2 "Import Data by "iTunes" application and Personal computer"** for details.

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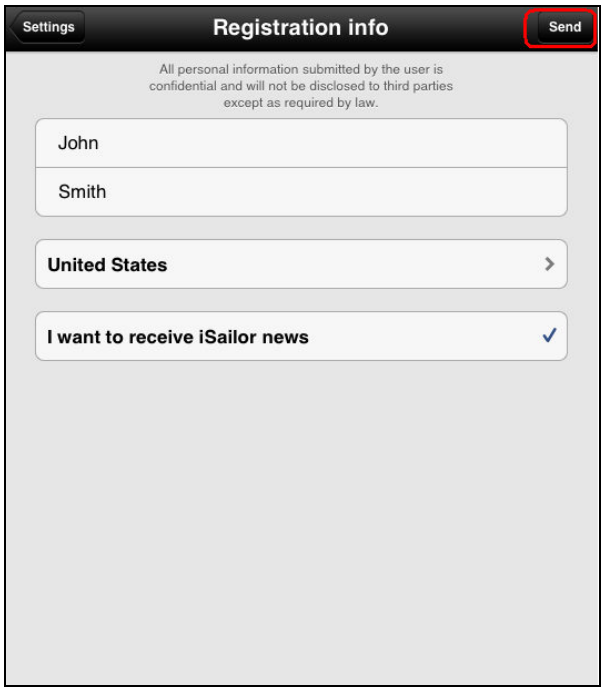
8.7 "Export" menu item.

The **"Export"** menu item is needed for following actions:

- Export of the Routes / Tracks from the **"iSailor"** application to external applications: **"Export"** functionality by E-mails or using **"iTunes"** application. See **Chapters 6.3 "How to Export data from one device and Import it on another devices"** and **6.4 "How to Export data via "iTunes" application and Personal computer"** for details.

8.8 "Registration" menu item.


Settings
Registration info
Send
All personal information submitted by the user is confidential and will not be disclosed to third parties except as required by law.
John
Smith
United States
I want to receive iSailor news

Menu "Registration".

You may use the **"Registration"** menu item and send us your Name and Location. This information will not be disclosed to third parties and will be useful for future service and your receiving of the future iSailor news, such as New releases or new functionality, developed in the app.

Fill forms, check the **"I want to receive iSailor news"** line and press the **"Send"** button to send us your registration information.

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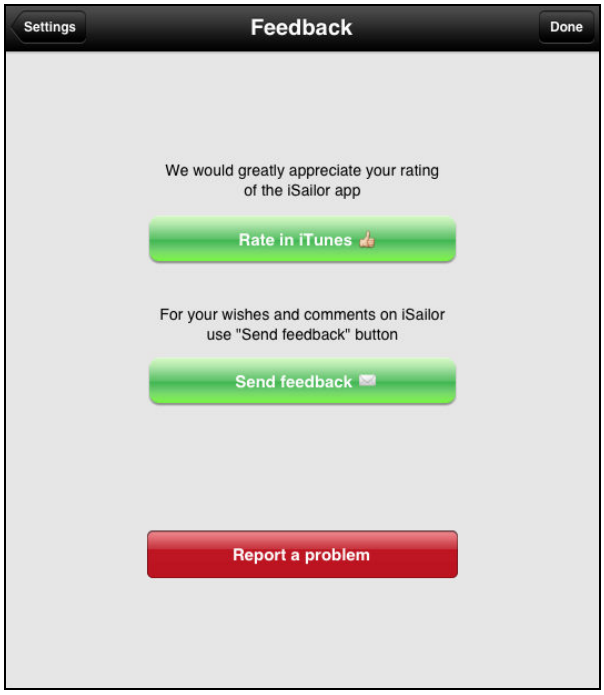
8.9 "Feedback" menu item.


Settings
Feedback
Done
We would greatly appreciate your rating of the iSailor app
Rate in iTunes
For your wishes and comments on iSailor use "Send feedback" button
Send feedback
Report a problem

Menu "Feedback".

The **"Feedback"** menu has following buttons and functionality:

- **"Rate in iTunes"** button – you may use this button to rate the **"iSailor"** app in iTunes / App Store applications. Your rating will be much appreciated and important for us to improve the **"iSailor"** in future.
- **"Send Feedback"** - you may use this button to send us any wishes, comments or your story in relation to **"ISailor"** app and how did you use it onboard.
- **"Report a problem"** – you may use this button if you have any problems or difficulties with **"iSailor"** operation or Chart purchasing. Our service team reverts to you with explanation, help or advices as soon as possible.

8.10 "User manual" menu item.

The **"User manual"** menu item is working as the link to the latest version of the **"Transas iSailor. User Manual"** document in PDF format, which can be also obtained by the following path: www.isailor.us/faq/i/Transas iSailor User Manual.pdf. Internet connection is required.

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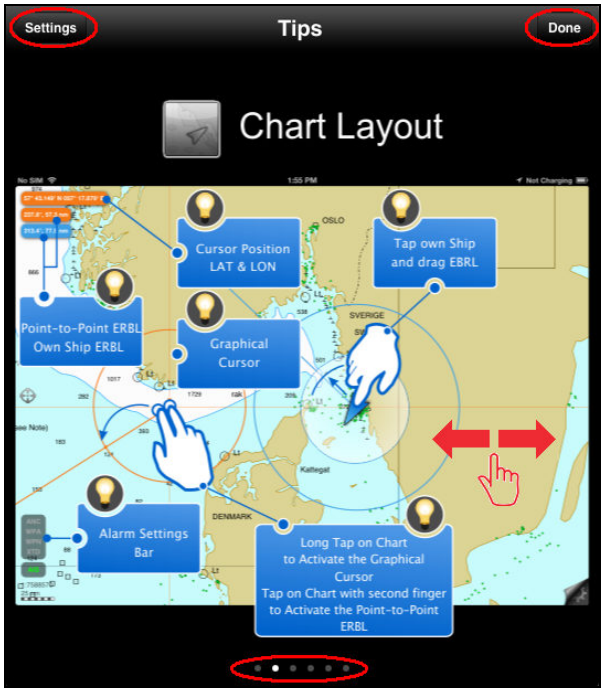
8.11 "Tips" menu item.



Menu "Tips".

The **"Tips"** menu item is intended for the presentation of interactive tips, which describes in pictures a major functionality of the **"iSailor"** application. This menu has following buttons and functions:

- **"Settings"** button – you may use this button to return into the **"Settings"** layout;
- **"Done"** - you may use this button to close the **"Tips"** window;
- **"Page control bullets"** on the bottom side are showing the number of tips pages and currently selected page as well;
- Drag selected page to the right (or left) side to show all available tips pages.

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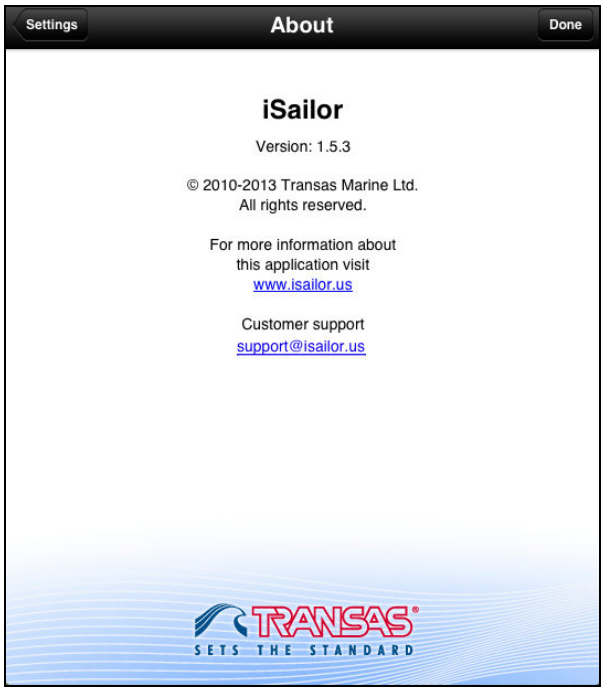
8.12 "About" menu item.

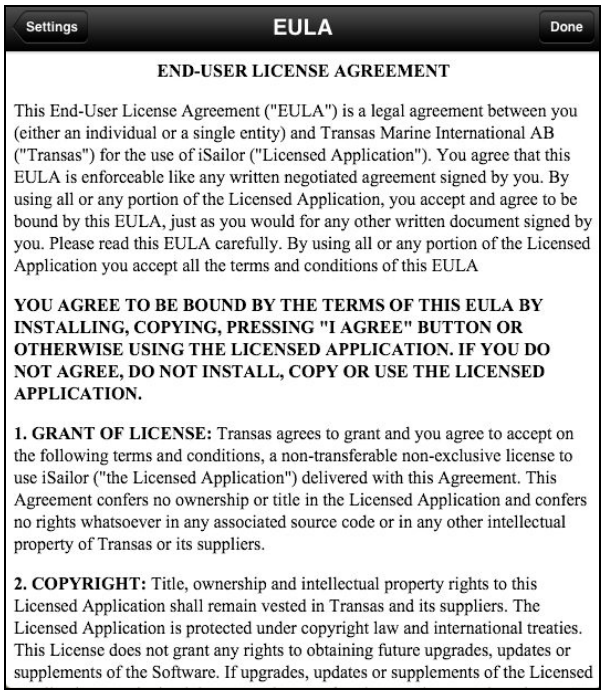
The **"About"** menu item contains information about manufacturer and currently installed version of the **"iSailor"** application:



Menu "About".

8.13 "Legal info" menu item.

The **"Legal info"** menu item contains information about **"End-User License Agreement"**.


Settings
EULA
Done
END-USER LICENSE AGREEMENT
This End-User License Agreement ("EULA") is a legal agreement between you (either an individual or a single entity) and Transas Marine International AB ("Transas") for the use of iSailor ("Licensed Application"). You agree that this EULA is enforceable like any written negotiated agreement signed by you. By using all or any portion of the Licensed Application, you accept and agree to be bound by this EULA, just as you would for any other written document signed by you. Please read this EULA carefully. By using all or any portion of the Licensed Application you accept all the terms and conditions of this EULA
YOU AGREE TO BE BOUND BY THE TERMS OF THIS EULA BY INSTALLING, COPYING, PRESSING "I AGREE" BUTTON OR OTHERWISE USING THE LICENSED APPLICATION. IF YOU DO NOT AGREE, DO NOT INSTALL, COPY OR USE THE LICENSED APPLICATION.
1. GRANT OF LICENSE: Transas agrees to grant and you agree to accept on the following terms and conditions, a non-transferable non-exclusive license to use iSailor ("the Licensed Application") delivered with this Agreement. This Agreement confers no ownership or title in the Licensed Application and confers no rights whatsoever in any associated source code or in any other intellectual property of Transas or its suppliers.
2. COPYRIGHT: Title, ownership and intellectual property rights to this Licensed Application shall remain vested in Transas and its suppliers. The Licensed Application is protected under copyright law and international treaties. This License does not grant any rights to obtaining future upgrades, updates or supplements of the Software. If upgrades, updates or supplements of the Licensed

Menu "Legal info".

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9. Annex II - Troubleshooting

9.1 How to restore all previously purchased charts for the Transas iSailor app.

We strongly recommend that the app and any other data should be downloaded with your device connected to the Internet via Wi-Fi and connected to the power supply unit.

Two main parts:

- Correct installation of the **"iSailor"** app,
- Restore the previously purchased charts.

Technically, if you have only one iTunes login account (**Apple ID**) you can go on to the second part (**"Restore"** procedure), but before that it is advisable to carefully read the instructions.

The iTunes has information on all the in-app purchases you made in the **"Chart store"** section of the Transas **"iSailor"** app.

Please use THE SAME iTunes login account (Apple ID) as was previously used for the installation of the Transas "iSailor" app and all the in-app purchases of chart folios in the Chart Store section of the Transas "iSailor" app.

It is only in this case that you can use the free "**Restore**" procedure for the free download of all the previously purchased folios.

Please follow this rule, and you will not receive extra invoices from the iTunes for the chart folios which were already bought before.

Part one. Correct installation of the iSailor app:

Open the iTunes Receipt and find the iTunes login (**Apple ID**) which was used for the in-app purchase. If you have several different chart folios and various Receipts from the iTunes, please carefully check all of them.

This iTunes login account (**Apple ID** from iTunes Receipts) should be set in the device store and used for installation of the iSailor app. It is only in this case that you can use the free "**Restore**" procedure for the free download of all the previously purchased folios.

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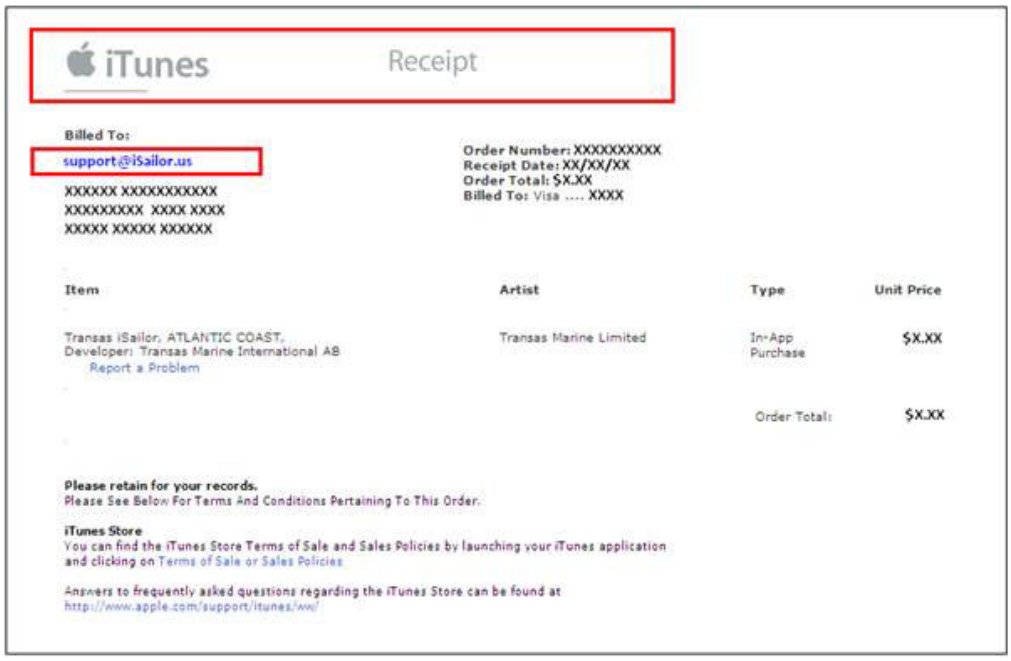


iTunes Receipt

Billed To:
support@iSailor.us
XXXXXX XXXXXXXXXXX
XXXXXXXXX XXXX XXXX
XXXXX XXXXX XXXXXX

Order Number: XXXXXXXXXX
Receipt Date: XX/XX/XX
Order Total: $X.XX
Billed To: Visa XXXX

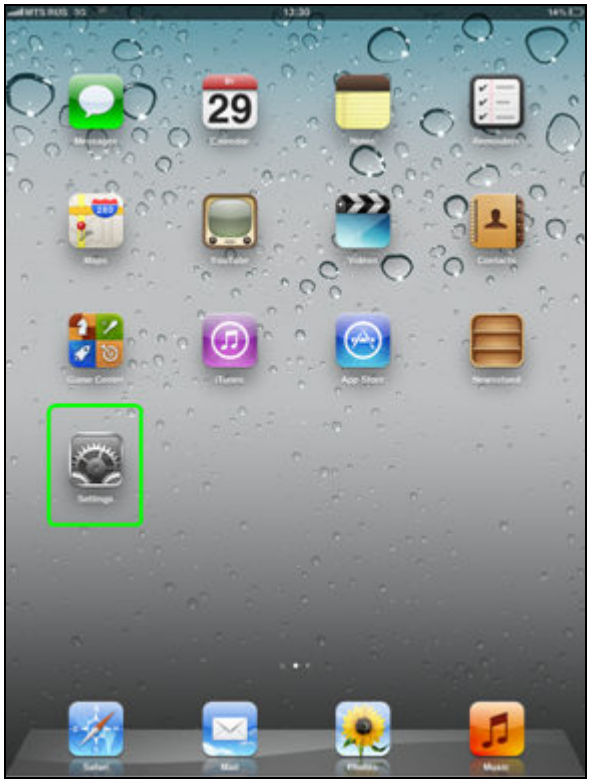
Item	Artist	Type	Unit Price
Transas iSailor, ATLANTIC COAST. Developer: Transas Marine International AB Report a Problem	Transas Marine Limited	In-App Purchase	$X.XX
		Order Total:	$X.XX

Please retain for your records.
Please See Below For Terms And Conditions Pertaining To This Order.

iTunes Store
You can find the iTunes Store Terms of Sale and Sales Policies by launching your iTunes application and clicking on Terms of Sale or Sales Policies

Answers to frequently asked questions regarding the iTunes Store can be found at http://www.apple.com/support/itunes/ww/

Where to set iTunes login (**Apple ID**) on device – Go to **"Settings"** menu of your device and find where **"iTunes & App Stores"** setting:



If you do not remember the iTunes login (**Apple ID**) which was used for the **"iSailor"** app installation, please delete the app and install it again with the correct iTunes login (**Apple ID**) available in the iTunes Receipt.

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Installation of Transas iSailor app from App Store on the device:

Refer to the **Chapter 2 "How to install Transas iSailor app on the device"** above for details.

We strongly recommend that the app should be loaded with your device connected to the Internet via Wi-Fi and to the power supply unit.

Part two: Restoration of previously purchased charts.

You can only restore charts for the Transas iSailor via the **"Chart store"** in-app. Please check the **"Restrictions"** and **"In-App Purchases"** settings on your device:

Go to **"General"** settings of your device and check that **"In-App Purchases"** set as **"ON"** and **"Restrictions"** setting as **"Off"**.

Follow the **"Restore"** procedure:

- Run the **"iSailor"**;
- Check that the price information is available for the all the **"Paid"** folios;
- Tap the lower right corner of the screen;
- In the Settings menu select the **"Chart store"** item;
- Tap the **"Re-install initially purchased folios(s)"** button;
- Tap the **"Restore"** button.

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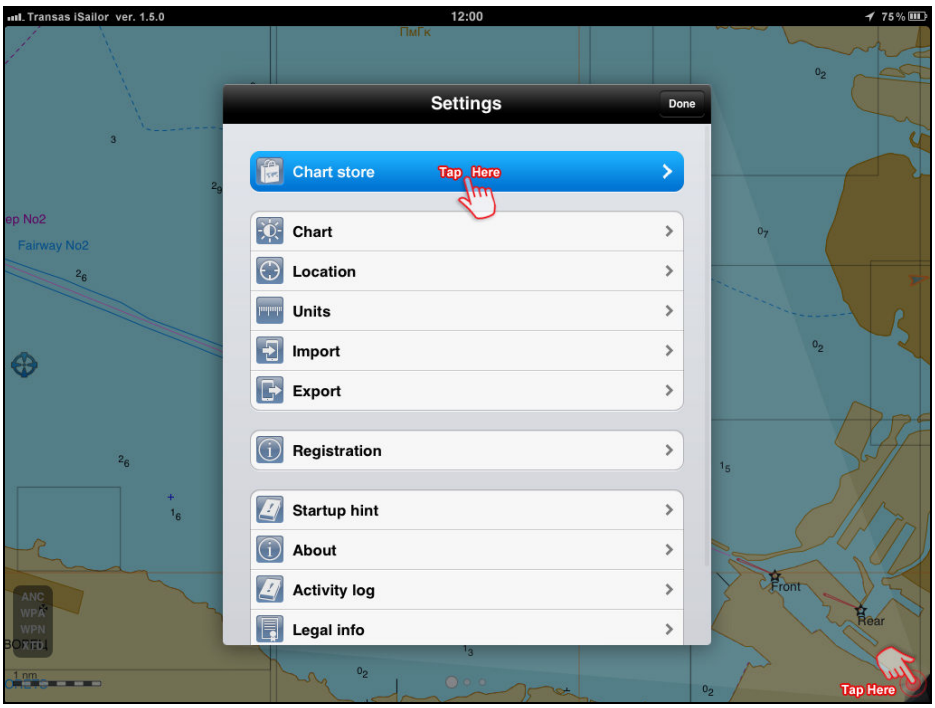
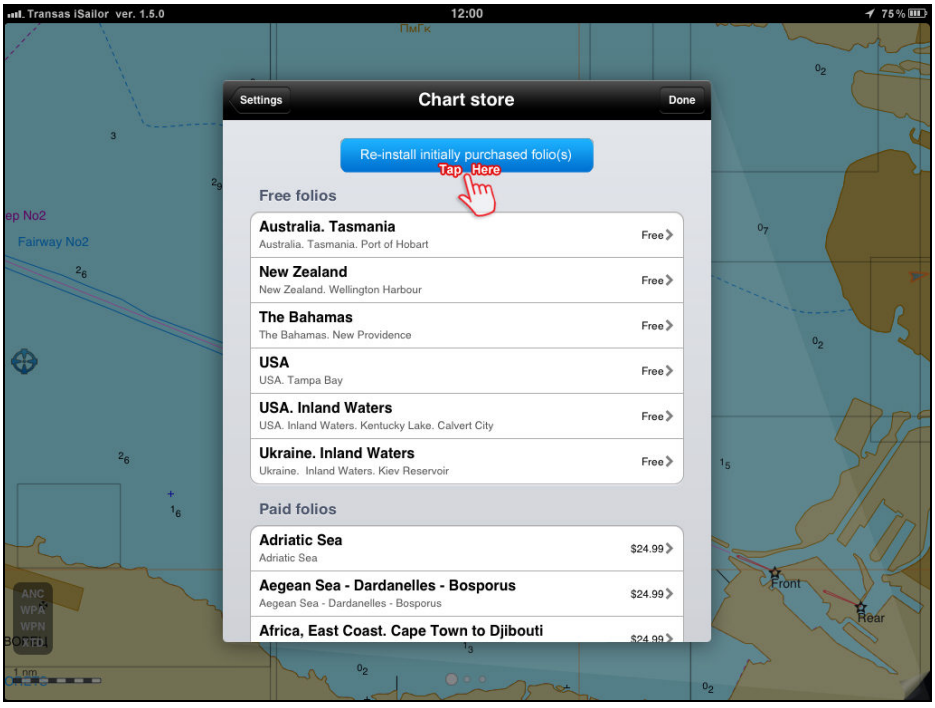
Please don't close the application until the Restore process is completed.

We strongly recommend that the data should be restored (downloaded) with your device connected to the Internet via Wi-Fi and to the power supply unit.



Tap on "Chart store" button.



Tap on "Re-install initially purchased folio(s)" button.

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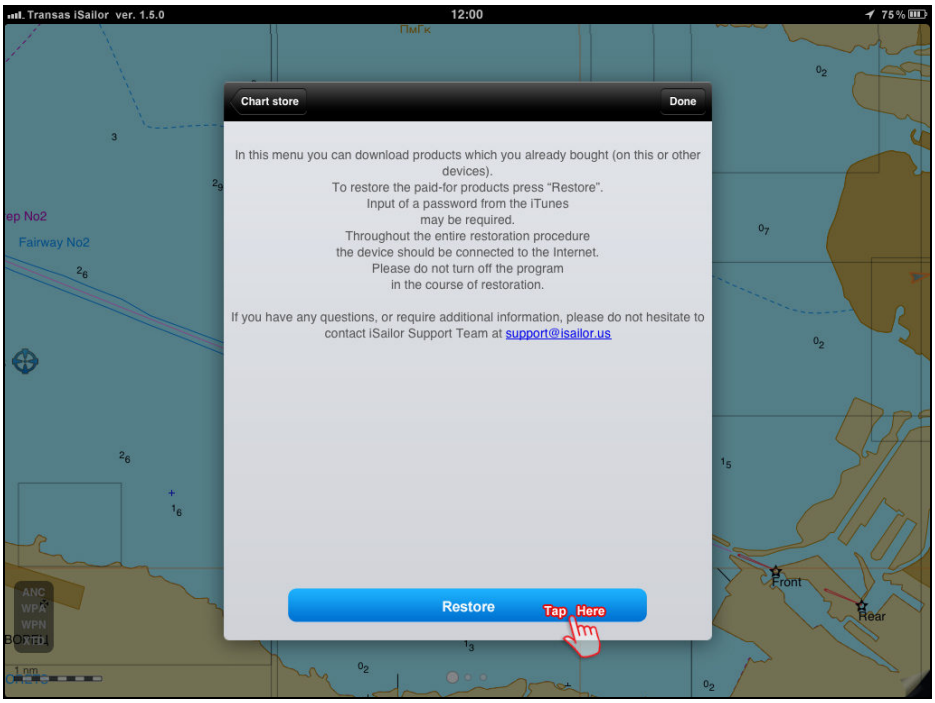
Transas iSailor ver. 1.5.0
12:00
75 %
Chart store
Done
In this menu you can download products which you already bought (on this or other devices).
To restore the paid-for products press "Restore".
Input of a password from the iTunes may be required.
Throughout the entire restoration procedure the device should be connected to the Internet.
Please do not turn off the program in the course of restoration.
If you have any questions, or require additional information, please do not hesitate to contact iSailor Support Team at support@isailor.us
Restore
Tap Here
Fairway No2
Front
Rear

Tap on "Restore" button.

Please don't close the application until the Restore process is completed.

We strongly recommend that the data should be restored (downloaded) with your device connected to the Internet via Wi-Fi and to the power supply unit.

Check that all the previously purchased folio will be available in the "**Folios already paid for**" section.

As soon as the folio status changes to "**Installed**", the charts are successfully installed on the device.

Usually the installation takes a few minutes, but sometimes the process is interrupted by network failures or exit from the program, etc.

In such cases the purchased folio is available in the section "**Folios already paid for**" with the "**Free**" status.

If the status is "**Free**" the download process should be restarted manually.
Just tap on the status and wait until it changes to "**Installed**".

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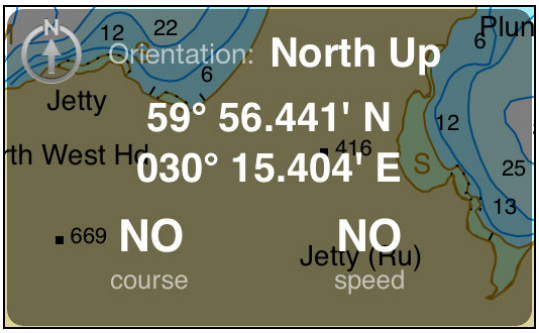
9.2 No “Course” and “Speed” data in the “iSailor” app



Own ship “Position”, “Course” and “Speed” window.

Sometimes you can see aforementioned screen on the “**Monitoring**” layout. It means following: Apple Location service provides to app just only position data (*without Course and Speed or without Speed only*), which is based on Wi-Fi/3G triangulation positioning data.

In that case most reasonable answer that positioning by Internal GPS (*for **iPad Wi-Fi + Cellular** or **iPad mini Wi-Fi + Cellular** models*) or by external GPS (*connected to device via Bluetooth, if available*) is not possible due to following possible cases:

- External Bluetooth GPS is turned off or discharged;

- GPS satellites are out of visibility (*for example, in buildings*) or closed by obstructions and cannot be used for positioning by internal or external GPS.

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